

## Order of operations - positive algebraic expressions

Evaluate each using the values given.

- 1)  $q - (p - (p - p))$ ; use  $p = 6$ , and  $q = 8$
- 3)  $(j - (j - h)) \div 4$ ; use  $h = 8$ , and  $j = 13$
- 5)  $6 - m + p + m$ ; use  $m = 2$ , and  $p = 1$
- 7)  $y(x - 8) - x$ ; use  $x = 11$ , and  $y = 15$
- 9)  $z^2 - (x - 13)$ ; use  $x = 13$ , and  $z = 1$
- 11)  $n - m(n - n)$ ; use  $m = 4$ , and  $n = 15$
- 13)  $q - (p - (p - 2))$ ; use  $p = 6$ , and  $q = 11$
- 15)  $8h - (j + 12)$ ; use  $h = 9$ , and  $j = 1$
- 17)  $n + m^2 - n$ ; use  $m = 10$ , and  $n = 6$
- 19)  $p + m - (q - p)$ ; use  $m = 11$ ,  $p = 12$ , and  $q = 14$
- 20)  $n + (m + 12) \div 5$ ; use  $m = 13$ , and  $n = 2$
- 22)  $x \times (y + x) \div 2$ ; use  $x = 6$ , and  $y = 8$
- 24)  $8(q - (r - 10))$ ; use  $q = 14$ , and  $r = 14$
- 26)  $x + y - z \div 3$ ; use  $x = 2$ ,  $y = 10$ , and  $z = 3$
- 28)  $p + p + m + p$ ; use  $m = 4$ , and  $p = 15$
- 30)  $x^2 + y - x$ ; use  $x = 5$ , and  $y = 6$
- 32)  $2yx + y$ ; use  $x = 6$ , and  $y = 11$
- 34)  $j^2h^2$ ; use  $h = 2$ , and  $j = 6$
- 36)  $(a - a) \div 6 + b$ ; use  $a = 9$ , and  $b = 7$
- 38)  $6 + y^2 + x$ ; use  $x = 13$ , and  $y = 9$
- 40)  $a - (1 + c) \div 2$ ; use  $a = 11$ , and  $c = 1$
- 42)  $7(a + c + 11)$ ; use  $a = 3$ , and  $c = 2$
- 44)  $(10 - (x - y)) \div 5$ ; use  $x = 9$ , and  $y = 4$
- 46)  $x^2 - y - y$ ; use  $x = 11$ , and  $y = 15$
- 48)  $(j(j + h)) \div 6$ ; use  $h = 3$ , and  $j = 9$
- 50)  $x + z + z + y$ ; use  $x = 14$ ,  $y = 12$ , and  $z = 2$
- 52)  $m^2 - (n + n)$ ; use  $m = 7$ , and  $n = 11$
- 54)  $x + y + x + y$ ; use  $x = 3$ , and  $y = 13$
- 56)  $k - h - (14 - j)$ ; use  $h = 11$ ,  $j = 12$ , and  $k = 15$
- 57)  $x(5y - x)$ ; use  $x = 12$ , and  $y = 3$
- 59)  $b - (a - 5)^2$ ; use  $a = 5$ , and  $b = 2$
- 61)  $n + nm - 7$ ; use  $m = 7$ , and  $n = 14$
- 63)  $p - p + m + p$ ; use  $m = 14$ , and  $p = 9$
- 65)  $y - (10 - x) + y$ ; use  $x = 3$ , and  $y = 10$
- 67)  $h(h - j \div 3)$ ; use  $h = 12$ , and  $j = 15$
- 69)  $h \times 14 \div 2 - j$ ; use  $h = 14$ , and  $j = 11$
- 71)  $4n - m \div 4$ ; use  $m = 8$ , and  $n = 2$
- 73)  $x \div 2(x - y)$ ; use  $x = 10$ , and  $y = 7$
- 75)  $q - (p - p)^2$ ; use  $p = 3$ , and  $q = 13$
- 77)  $j^2 + h \div 5$ ; use  $h = 5$ , and  $j = 3$
- 79)  $b - 6 + a - 2$ ; use  $a = 14$ , and  $b = 8$
- 81)  $p + m + p - p$ ; use  $m = 10$ , and  $p = 11$
- 2)  $y - (z - y) \div 5$ ; use  $y = 7$ , and  $z = 12$
- 4)  $b(b - a \div 3)$ ; use  $a = 15$ , and  $b = 13$
- 6)  $y + y^2 - x$ ; use  $x = 8$ , and  $y = 4$
- 8)  $m(m - q \div 6)$ ; use  $m = 10$ , and  $q = 12$
- 10)  $5 + y + x \div 6$ ; use  $x = 12$ , and  $y = 6$
- 12)  $y + y + x + 7$ ; use  $x = 15$ , and  $y = 10$
- 14)  $a - (a - (a - b))$ ; use  $a = 15$ , and  $b = 1$
- 16)  $y + y - x^3$ ; use  $x = 2$ , and  $y = 7$
- 18)  $y^2x^2$ ; use  $x = 4$ , and  $y = 3$
- 21)  $2(x - y + x)$ ; use  $x = 13$ , and  $y = 9$
- 23)  $x - y + x - y$ ; use  $x = 15$ , and  $y = 13$
- 25)  $2 + h + j^2$ ; use  $h = 2$ , and  $j = 3$
- 27)  $a - (a - b \div 4)$ ; use  $a = 9$ , and  $b = 4$
- 29)  $m - m(n - n)$ ; use  $m = 11$ , and  $n = 9$
- 31)  $x(x - (y - 6))$ ; use  $x = 7$ , and  $y = 11$
- 33)  $n(m - (n - n))$ ; use  $m = 13$ , and  $n = 5$
- 35)  $2 + y - (x - 9)$ ; use  $x = 11$ , and  $y = 12$
- 37)  $x - (x - y^2)$ ; use  $x = 9$ , and  $y = 1$
- 39)  $m^2(p + p)$ ; use  $m = 5$ , and  $p = 3$
- 41)  $5(n - (m - 13))$ ; use  $m = 14$ , and  $n = 8$
- 43)  $(q(8 - p)) \div 5$ ; use  $p = 1$ , and  $q = 5$
- 45)  $6 + x - (y - y)$ ; use  $x = 15$ , and  $y = 14$
- 47)  $mp + m + 11$ ; use  $m = 5$ , and  $p = 6$
- 49)  $2 + b + a + b$ ; use  $a = 5$ , and  $b = 15$
- 51)  $p^2(m + 4)$ ; use  $m = 7$ , and  $p = 2$
- 53)  $2 + x - (x - y)$ ; use  $x = 10$ , and  $y = 7$
- 55)  $q \times p \div 3 - p$ ; use  $p = 9$ , and  $q = 8$
- 58)  $(z + x + y) \div 3$ ; use  $x = 14$ ,  $y = 15$ , and  $z = 4$
- 60)  $y + x + y + x$ ; use  $x = 1$ , and  $y = 4$
- 62)  $m - m + p^2$ ; use  $m = 1$ , and  $p = 5$
- 64)  $r(q - p \div 2)$ ; use  $p = 10$ ,  $q = 10$ , and  $r = 9$
- 66)  $x(y + x \div 3)$ ; use  $x = 3$ , and  $y = 1$
- 68)  $b(14 + a - a)$ ; use  $a = 6$ , and  $b = 5$
- 70)  $15 + 11 + y - x$ ; use  $x = 8$ , and  $y = 3$
- 72)  $(p - 6)(m + p)$ ; use  $m = 1$ , and  $p = 8$
- 74)  $z + z + yz$ ; use  $y = 4$ , and  $z = 2$
- 76)  $x + x + y^2$ ; use  $x = 6$ , and  $y = 9$
- 78)  $y + x - 2 - y$ ; use  $x = 8$ , and  $y = 6$
- 80)  $8 - 5 + h - k$ ; use  $h = 8$ , and  $k = 6$
- 82)  $15p + q - q$ ; use  $p = 4$ , and  $q = 1$

- 83)  $y + x - x + 15$ ; use  $x = 10$ , and  $y = 10$   
84)  $n - (m + 4) \div 5$ ; use  $m = 1$ , and  $n = 5$   
85)  $11k - (k - h)$ ; use  $h = 6$ , and  $k = 7$   
86)  $y + 50 + x$ ; use  $x = 12$ , and  $y = 7$   
87)  $a + a - (b + b)$ ; use  $a = 15$ , and  $b = 11$   
88)  $j \times h^2 \div 4$ ; use  $h = 8$ , and  $j = 2$   
89)  $yx - 6 - y$ ; use  $x = 14$ , and  $y = 12$   
90)  $x + 12 - y \div 3$ ; use  $x = 12$ , and  $y = 15$   
91)  $8z - (x - x)$ ; use  $x = 1$ , and  $z = 12$   
92)  $10 - (n - (m - m))$ ; use  $m = 2$ , and  $n = 8$   
93)  $m - (p + p) \div 4$ ; use  $m = 10$ , and  $p = 14$   
94)  $2 - (4 - (q - r))$ ; use  $q = 4$ , and  $r = 1$   
95)  $y + (x - x) \div 6$ ; use  $x = 4$ , and  $y = 13$   
96)  $x - (y + x - 7)$ ; use  $x = 12$ , and  $y = 3$   
97)  $p + 6 + pq$ ; use  $p = 6$ , and  $q = 9$   
98)  $x + x^2 + y$ ; use  $x = 6$ , and  $y = 9$   
99)  $x - y \div 3 + y$ ; use  $x = 15$ , and  $y = 15$   
100)  $(ab + a) \div 6$ ; use  $a = 8$ , and  $b = 14$   
101)  $2x + x(z - z)$ ; use  $x = 12$ , and  $z = 16$   
102)  $19 - (j - (6 - h \div 4))$ ; use  $h = 4$ , and  $j = 15$   
103)  $4(n - 5(p - p))$ ; use  $n = 15$ , and  $p = 19$   
104)  $p(p - m) - (20 + m)$ ; use  $m = 1$ , and  $p = 12$   
105)  $z + z + 12 \times y \div 4$ ; use  $y = 16$ , and  $z = 9$   
106)  $(17q - (p - 10)) \div 4$ ; use  $p = 18$ , and  $q = 12$   
107)  $5x(y - y) + 4$ ; use  $x = 9$ , and  $y = 16$   
108)  $x + 12 - 10 + x - y$ ; use  $x = 15$ , and  $y = 13$   
109)  $20 - qp(q - q)$ ; use  $p = 15$ , and  $q = 17$   
110)  $18 + a + b - 16$ ; use  $a = 4$ , and  $b = 17$   
111)  $y \div 6(y - x) - 5$ ; use  $x = 6$ , and  $y = 12$   
112)  $13 + j - (13 - j + h)$ ; use  $h = 12$ , and  $j = 13$   
113)  $y + x + x - x + y$ ; use  $x = 12$ , and  $y = 9$   
114)  $p + p + 19 - q + m$ ; use  $m = 9$ ,  $p = 10$ , and  $q = 7$   
115)  $8(y - (x + y - y))$ ; use  $x = 10$ , and  $y = 14$   
116)  $n + n - (m + m + m)$ ; use  $m = 1$ , and  $n = 13$   
117)  $(16(m + n - m)) \div 4$ ; use  $m = 18$ , and  $n = 10$   
118)  $p - (r - r) + 8 \div 4$ ; use  $p = 15$ , and  $r = 12$   
119)  $zy - (z - x) - 11$ ; use  $x = 7$ ,  $y = 10$ , and  $z = 16$   
120)  $h^2 + h - jh$ ; use  $h = 12$ , and  $j = 11$   
121)  $b - 4a \div 4 - a$ ; use  $a = 4$ , and  $b = 15$   
122)  $y \times 20 \div 4 - (x + y)$ ; use  $x = 4$ , and  $y = 11$   
123)  $p + pm + m - m$ ; use  $m = 10$ , and  $p = 7$   
124)  $20 - (m + 15) - 1 + n$ ; use  $m = 1$ , and  $n = 11$   
126)  $x + 20 - (y - 1^3)$ ; use  $x = 1$ , and  $y = 7$   
125)  $16y - x - 3 \div 3$ ; use  $x = 18$ , and  $y = 12$   
127)  $x - (y \div 6 - y \div 6)$ ; use  $x = 7$ , and  $y = 12$   
128)  $r(rp \div 4 + 10)$ ; use  $p = 16$ , and  $r = 4$   
129)  $xy + y \times 12 \div 6$ ; use  $x = 15$ , and  $y = 8$   
130)  $m - (m - (9 + n \div 4))$ ; use  $m = 18$ , and  $n = 8$   
131)  $5x^2 - (y - y)$ ; use  $x = 4$ , and  $y = 8$   
132)  $b^2 + b + b - a$ ; use  $a = 13$ , and  $b = 13$   
133)  $z - 5 + y - x + z$ ; use  $x = 1$ ,  $y = 5$ , and  $z = 13$   
135)  $p + p + 10m$ ; use  $m = 18$ , and  $p = 5$   
134)  $6 + m^2 - (n - n)$ ; use  $m = 10$ , and  $n = 9$   
136)  $8h + j^2 + j$ ; use  $h = 13$ , and  $j = 9$   
137)  $5(yx - 13^2)$ ; use  $x = 19$ , and  $y = 9$   
138)  $y + (y(x + y)) \div 2$ ; use  $x = 15$ , and  $y = 10$   
139)  $12y - (y - 2 + x)$ ; use  $x = 16$ , and  $y = 6$   
140)  $m + m - (n - (m - m))$ ; use  $m = 7$ , and  $n = 6$   
141)  $20 + 18q - (p + p)$ ; use  $p = 4$ , and  $q = 10$   
142)  $y + x + y^2 \div 3$ ; use  $x = 10$ , and  $y = 3$   
143)  $(a + a - (a - b)) \div 6$ ; use  $a = 13$ , and  $b = 11$   
144)  $c + 3 + b + b^2$ ; use  $b = 7$ , and  $c = 1$   
145)  $14^2 - (x + 11y)$ ; use  $x = 7$ , and  $y = 7$   
146)  $(j(10 - (8 - h))) \div 3$ ; use  $h = 1$ , and  $j = 7$   
147)  $p + m - (9 + q) \div 2$ ; use  $m = 19$ ,  $p = 3$ , and  $q = 5$   
148)  $q - (p + p(q - q))$ ; use  $p = 5$ , and  $q = 8$   
149)  $(9 - (14 - m)) \div 2 + n$ ; use  $m = 7$ , and  $n = 4$   
150)  $9 - x - (z - z) \div 6$ ; use  $x = 4$ , and  $z = 14$   
151)  $8((x - 10) \div 3 + y)$ ; use  $x = 13$ , and  $y = 4$   
152)  $x + y(x + 2) + x$ ; use  $x = 16$ , and  $y = 8$   
153)  $20 - a + 14b + b$ ; use  $a = 1$ , and  $b = 8$   
154)  $17 + b - (19 - a + b)$ ; use  $a = 19$ , and  $b = 5$   
155)  $6 - (m - q)(p - p)$ ; use  $m = 19$ ,  $p = 1$ , and  $q = 17$

- 156)  $y + 7(y + z) + 7$ ; use  $y = 5$ , and  $z = 12$   
 158)  $n + 20 - n - (m - m)$ ; use  $m = 16$ , and  $n = 1$   
 159)  $m(10 + p - (17 - p))$ ; use  $m = 16$ , and  $p = 6$   
 160)  $r - q \div 6 + p + r$ ; use  $p = 13$ ,  $q = 6$ , and  $r = 2$   
 161)  $x^2 - (6 - y)^2$ ; use  $x = 5$ , and  $y = 2$   
 163)  $y(y^2 - x) - 14$ ; use  $x = 2$ , and  $y = 6$   
 165)  $11 - (x - x - (y - 2))$ ; use  $x = 14$ , and  $y = 2$   
 166)  $p - 8 \div 4 + 14m$ ; use  $m = 8$ , and  $p = 19$   
 168)  $z - (z - (y - x)) + x$ ; use  $x = 11$ ,  $y = 19$ , and  $z = 11$   
 169)  $x - (8 - y) - x \div 4$ ; use  $x = 8$ , and  $y = 3$   
 171)  $p + (p - p + m) \div 5$ ; use  $m = 5$ , and  $p = 3$   
 173)  $(y - z)(z - x) - y$ ; use  $x = 2$ ,  $y = 20$ , and  $z = 9$   
 174)  $x + x \times (x + y) \div 5$ ; use  $x = 5$ , and  $y = 20$   
 176)  $(p - q \div 4)(1 + p)$ ; use  $p = 14$ , and  $q = 4$   
 178)  $5y - y - (x + x)$ ; use  $x = 19$ , and  $y = 17$   
 180)  $n + m + 3 - (m - n)$ ; use  $m = 17$ , and  $n = 17$   
 181)  $m - m(p - m \div 5)$ ; use  $m = 5$ , and  $p = 1$   
 183)  $11^2 + y - x \div 2$ ; use  $x = 14$ , and  $y = 18$   
 184)  $5(yz - (x + x))$ ; use  $x = 11$ ,  $y = 2$ , and  $z = 17$   
 185)  $(yx + 18 + x) \div 4$ ; use  $x = 2$ , and  $y = 18$   
 187)  $a + b + 8 \div 4 + a$ ; use  $a = 8$ , and  $b = 19$   
 189)  $2(h + h) - j \div 6$ ; use  $h = 11$ , and  $j = 18$   
 191)  $(y + 17)(20 - (x + 2))$ ; use  $x = 14$ , and  $y = 15$   
 192)  $8(q - p \times q \div 4)$ ; use  $p = 3$ , and  $q = 20$   
 194)  $nm + m + m \div 5$ ; use  $m = 5$ , and  $n = 15$   
 196)  $(y + y^2 + x) \div 4$ ; use  $x = 8$ , and  $y = 12$   
 198)  $z \div 2(x - z \div 2)$ ; use  $x = 17$ , and  $z = 10$   
 200)  $j - (j - (h - j) \div 4)$ ; use  $h = 20$ , and  $j = 16$   
 201)  $y + y - (y - x)$ ; use  $x = 3.3$ , and  $y = 8.2$   
 203)  $6y + x^2$ ; use  $x = 7.4$ , and  $y = 9.1$   
 205)  $m^2(p - 7)$ ; use  $m = 3.2$ , and  $p = 12.6$   
 206)  $(x - y) \div x + 15$ ; use  $x = 7.4$ , and  $y = 2.639$   
 207)  $q \div (r - r + r)$ ; use  $q = 12.1$ , and  $r = 5.3$   
 209)  $y \times x \div 3y$ ; use  $x = 11.381$ , and  $y = 10.4$   
 211)  $y + (x \div x)^2$ ; use  $x = 7.2$ , and  $y = 9.19$   
 213)  $qm \times q \div 2$ ; use  $m = 7.1$ , and  $q = 5.26$   
 215)  $x \div y(x + y)$ ; use  $x = 11.3$ , and  $y = 1.9$   
 217)  $x \times (y + 7) \div y$ ; use  $x = 7$ , and  $y = 2.8$   
 219)  $h + 2 + h + j$ ; use  $h = 11.76$ , and  $j = 1.1$   
 221)  $p - (q + q) \div p$ ; use  $p = 11.2$ , and  $q = 5$   
 223)  $(y - (x - x)) \div y$ ; use  $x = 11.1$ , and  $y = 2.4$   
 225)  $(m - (m - m)) \div p$ ; use  $m = 11$ , and  $p = 6.7$   
 227)  $q^2 - 11 - p$ ; use  $p = 1$ , and  $q = 6.3$   
 229)  $x - (x + 8) \div y$ ; use  $x = 10.9$ , and  $y = 8.65$   
 231)  $(b + c) \div a + c$ ; use  $a = 12.25$ ,  $b = 11$ , and  $c = 8.58$   
 232)  $j + h + 7j$ ; use  $h = 5.1$ , and  $j = 7.2$   
 234)  $p \times 3 \div (m + p)$ ; use  $m = 14.9$ , and  $p = 10.6$   
 157)  $h - (h(j - j)) \div 6$ ; use  $h = 2$ , and  $j = 5$   
 162)  $y - x \times (y - y) \div 6$ ; use  $x = 10$ , and  $y = 1$   
 164)  $h - j^2 - (j - j)$ ; use  $h = 10$ , and  $j = 2$   
 167)  $17 - (16 + b - a) - 2$ ; use  $a = 19$ , and  $b = 3$   
 170)  $(m(n + n + n)) \div 6$ ; use  $m = 16$ , and  $n = 19$   
 172)  $x \div 2 + y^2x$ ; use  $x = 2$ , and  $y = 4$   
 175)  $h + h - h + j + j$ ; use  $h = 11$ , and  $j = 20$   
 177)  $(a + b)(b + b) - a$ ; use  $a = 20$ , and  $b = 1$   
 179)  $j - ((k - k)^2 + 2)$ ; use  $j = 17$ , and  $k = 14$   
 182)  $q + p^2 - p^2$ ; use  $p = 14$ , and  $q = 2$   
 186)  $x + y - (y + y) \div 4$ ; use  $x = 20$ , and  $y = 14$   
 188)  $2j - k - k \div 6$ ; use  $j = 15$ , and  $k = 6$   
 190)  $p + 2 + m + 15 + m$ ; use  $m = 6$ , and  $p = 19$   
 193)  $(y + (y + x)^2) \div 5$ ; use  $x = 11$ , and  $y = 16$   
 195)  $x - x + y - 4 \div 4$ ; use  $x = 11$ , and  $y = 20$   
 197)  $a^2 - 12 - (b - b)$ ; use  $a = 9$ , and  $b = 16$   
 199)  $5(j + h) - (19 - h)$ ; use  $h = 17$ , and  $j = 13$   
 202)  $11 - (p - p) \div m$ ; use  $m = 7.5$ , and  $p = 4.6$   
 204)  $q + 13 + p - 6$ ; use  $p = 3.1$ , and  $q = 12.713$   
 208)  $y - 10 + y - x$ ; use  $x = 11.5$ , and  $y = 14.3$   
 210)  $(b - a)(b + a)$ ; use  $a = 7.2$ , and  $b = 10.9$   
 212)  $h \div j + 12 - h$ ; use  $h = 11.5$ , and  $j = 13$   
 214)  $n - m(n - n)$ ; use  $m = 11.4$ , and  $n = 11.359$   
 216)  $9 \times r \div (q + r)$ ; use  $q = 4.1$ , and  $r = 8$   
 218)  $y^2(2 - x)$ ; use  $x = 1.29$ , and  $y = 5.4$   
 220)  $ab + b \div 4$ ; use  $a = 11.1$ , and  $b = 10.005$   
 222)  $n(n + n) - m$ ; use  $m = 1.2$ , and  $n = 4.6$   
 224)  $(z - 1 + x) \div z$ ; use  $x = 1.1$ , and  $z = 12.9$   
 226)  $y - (y - x) \div 1$ ; use  $x = 1$ , and  $y = 10.13$   
 228)  $m^3 \times 3 \div n$ ; use  $m = 2.27$ , and  $n = 13.1$   
 230)  $y + y - (x - 2)$ ; use  $x = 5.2$ , and  $y = 8.5$   
 233)  $m^2 + 8 \div n$ ; use  $m = 5.1$ , and  $n = 13.36$

- 235)  $y(y - 5 + x)$ ; use  $x = 4.9$ , and  $y = 8.9$   
 236)  $z - (y + x) \div z$ ; use  $x = 9.1$ ,  $y = 9.8$ , and  $z = 9.9$   
 237)  $p - q \div 9^2$ ; use  $p = 4.9$ , and  $q = 13.2$   
 238)  $(m - n) \div n + m$ ; use  $m = 14.8$ , and  $n = 12.4$   
 239)  $y^2 + x - y$ ; use  $x = 14.7$ , and  $y = 11.1$   
 241)  $a \div (b + b - a)$ ; use  $a = 4.8$ , and  $b = 13.83$   
 243)  $12 + h^2 - j$ ; use  $h = 9$ , and  $j = 11.06$   
 245)  $n \div m(n - 7)$ ; use  $m = 4.6$ , and  $n = 13.7$   
 246)  $z^2 - y \div x$ ; use  $x = 8.8$ ,  $y = 6.809$ , and  $z = 4.6$   
 247)  $m \div (p + 1 + p)$ ; use  $m = 4.7$ , and  $p = 15$   
 248)  $(p + q) \div (p - 4)$ ; use  $p = 8.8$ , and  $q = 11.53$   
 249)  $x \div (x + 11 + y)$ ; use  $x = 4.5$ , and  $y = 10.736$   
 250)  $7a \div 6c$ ; use  $a = 7.26$ , and  $c = 9.5$   
 252)  $hk^2 \div j$ ; use  $h = 12.9$ ,  $j = 1.3$ , and  $k = 3.8$   
 254)  $q \times m \div 12 + m$ ; use  $m = 8.6$ , and  $q = 8.9$   
 255)  $y + y - (x + x)$ ; use  $x = 12.8$ , and  $y = 14.76$   
 256)  $(a - (13 - a)) \div b$ ; use  $a = 12.8$ , and  $b = 5.7$   
 258)  $(14(y + x)) \div x$ ; use  $x = 8.4$ , and  $y = 5.2$   
 260)  $y + x \div 10 - y$ ; use  $x = 2.8$ , and  $y = 4$   
 262)  $x - 1^3 \div y$ ; use  $x = 12.5$ , and  $y = 1.22$   
 264)  $(j - (h - h)) \div 6$ ; use  $h = 1.77$ , and  $j = 14.9$   
 266)  $pq - (m - m)$ ; use  $m = 12.4$ ,  $p = 9.1$ , and  $q = 7.2$   
 267)  $y \times x \div (y + y)$ ; use  $x = 2.6$ , and  $y = 11.3$   
 268)  $m + q + p \div m$ ; use  $m = 2.5$ ,  $p = 10$ , and  $q = 10.4$   
 269)  $n \div m(8 + m)$ ; use  $m = 12.4$ , and  $n = 7.9$   
 271)  $(z^2 + y) \div 2$ ; use  $y = 1.69$ , and  $z = 7$   
 273)  $j^2 + h^2$ ; use  $h = 6.6$ , and  $j = 9.6$   
 275)  $9 \div x + y + y$ ; use  $x = 6.5$ , and  $y = 13.13$   
 277)  $m \div m + n - n$ ; use  $m = 2.2$ , and  $n = 1.392$   
 279)  $p + p \div q - p$ ; use  $p = 6.3$ , and  $q = 1.6$   
 281)  $xy - y + x$ ; use  $x = 2$ , and  $y = 3.7$   
 283)  $9h - (j + 12)$ ; use  $h = 10.5$ , and  $j = 2.36$   
 284)  $11b - (a + c)$ ; use  $a = 10.4$ ,  $b = 4.804$ , and  $c = 6.8$   
 285)  $(j(j + h)) \div j$ ; use  $h = 6.1$ , and  $j = 3.3$   
 287)  $n \div n - m \div 9$ ; use  $m = 1.31$ , and  $n = 11.2$   
 289)  $y \div x(y + y)$ ; use  $x = 14.8$ , and  $y = 7$   
 291)  $p - (14 - p) \div q$ ; use  $p = 10.2$ , and  $q = 2.82$   
 292)  $(h - (h - j)) \div h$ ; use  $h = 14.4$ , and  $j = 3.8$   
 293)  $x \div (x + y) + 1$ ; use  $x = 10.1$ , and  $y = 11.31$   
 294)  $y + y + y + x$ ; use  $x = 7.044$ , and  $y = 4.8$   
 296)  $m + 4 - n + n$ ; use  $m = 9.9$ , and  $n = 3.29$   
 298)  $j + j + 8 - h$ ; use  $h = 10$ , and  $j = 4.6$   
 299)  $p + m \div (m - p)$ ; use  $m = 10.29$ , and  $p = 8.3$   
 300)  $x - y + y^3$ ; use  $x = 9.9$ , and  $y = 2.096$   
 302)  $(x + x - x)(y + x)$ ; use  $x = 5.2$ , and  $y = 10.9$   
 303)  $h + j + 15 - (j - 3)$ ; use  $h = 4.6$ , and  $j = 11$   
 304)  $3(12 - q + p - q)$ ; use  $p = 19.36$ , and  $q = 1.4$   
 305)  $(y(y - z)) \div (y + z)$ ; use  $y = 16.963$ , and  $z = 13.7$   
 240)  $n \div 13 \times m \div n$ ; use  $m = 9$ , and  $n = 12.8$   
 242)  $y \div z \times y^2$ ; use  $y = 10.7$ , and  $z = 13.1$   
 244)  $12x + 2 \div y$ ; use  $x = 8.9$ , and  $y = 11.5$   
 251)  $z - z(x - x)$ ; use  $x = 13$ , and  $z = 6.23$   
 253)  $x \times (y + y) \div x$ ; use  $x = 8.6$ , and  $y = 3.5$   
 257)  $(n + m - m) \div 4$ ; use  $m = 8.5$ , and  $n = 12$   
 259)  $28 \div (p + q)$ ; use  $p = 12.6$ , and  $q = 7.4$   
 261)  $12 - (5 - x \div y)$ ; use  $x = 11.26$ , and  $y = 3$   
 263)  $(bb^2) \div a$ ; use  $a = 12.6$ , and  $b = 12.2$   
 265)  $(15a - c) \div c$ ; use  $a = 4.683$ , and  $c = 6$   
 270)  $p \div q(7 - 4)$ ; use  $p = 2.4$ , and  $q = 2.746$   
 272)  $x^2 - (y + 15)$ ; use  $x = 5.78$ , and  $y = 14.2$   
 274)  $3y + y - z$ ; use  $y = 11.8$ , and  $z = 2.5$   
 276)  $b - a \div (13 + a)$ ; use  $a = 2.4$ , and  $b = 13$   
 278)  $x - x + y + y$ ; use  $x = 2.1$ , and  $y = 13.5$   
 280)  $(y + x^2) \div x$ ; use  $x = 6.3$ , and  $y = 14.4$   
 282)  $p + pm + 4$ ; use  $m = 6.4$ , and  $p = 2.16$   
 286)  $x \div (x - (y - 9))$ ; use  $x = 6.2$ , and  $y = 13.6$   
 288)  $(x + x) \div y + x$ ; use  $x = 10.3$ , and  $y = 5.5$   
 290)  $x + 13 + yx$ ; use  $x = 5.9$ , and  $y = 14.07$   
 295)  $ba + 8 \div b$ ; use  $a = 14.3$ , and  $b = 8.1$   
 297)  $x \div 2y^2$ ; use  $x = 14.2$ , and  $y = 4.316$   
 301)  $8(x - y) + x \div y$ ; use  $x = 5.8$ , and  $y = 2.5$

- 306)  $(b + b) \div (a - (c - 5))$ ; use  $a = 14.2$ ,  $b = 9.8$ , and  $c = 7.4$
- 307)  $7 + j \div h + 5j$ ; use  $h = 5.2$ , and  $j = 11.05$
- 308)  $10 \div (p(m - n)) + m$ ; use  $m = 14.7$ ,  $n = 9$ , and  $p = 9.5$
- 309)  $12 - (x - (y - y)) \div 15$ ; use  $x = 4.6$ , and  $y = 19.6$
- 310)  $p(m - (m - p)) - m$ ; use  $m = 14.2$ , and  $p = 9$
- 311)  $(y - (x - (y - y))) \div x$ ; use  $x = 5.2$ , and  $y = 9.1$
- 312)  $p + q - (q \div q)^3$ ; use  $p = 4.6$ , and  $q = 17.6$
- 313)  $x^2 \div (16 - (y - 11))$ ; use  $x = 14.1$ , and  $y = 15.27$
- 314)  $1 + y - (z - (z - z))$ ; use  $y = 15.609$ , and  $z = 2.1$
- 315)  $x \div yz(1 + 12)$ ; use  $x = 4.6$ ,  $y = 7.1$ , and  $z = 18.58$
- 316)  $(p + q) \div q - 16 \div p$ ; use  $p = 13.5$ , and  $q = 16.52$
- 317)  $a(a + b + a^2)$ ; use  $a = 4$ , and  $b = 7.1$
- 318)  $y + y + z - (x + x)$ ; use  $x = 13.5$ ,  $y = 15.7$ , and  $z = 17.1$
- 319)  $6 - (j - (h - j)) \div h$ ; use  $h = 14.1$ , and  $j = 7.2$
- 320)  $6n + 20 - (m - m)$ ; use  $m = 4.5$ , and  $n = 18.24$
- 321)  $p \div 19 + m \times 4 \div 5$ ; use  $m = 15.395$ , and  $p = 8.6$
- 322)  $x((y + x) \div x + y)$ ; use  $x = 14.1$ , and  $y = 1.73$
- 323)  $19q - p(q - q)$ ; use  $p = 13.5$ , and  $q = 5.2$
- 324)  $p \times 17 \div (q - p + q)$ ; use  $p = 3.3$ , and  $q = 13.8$
- 325)  $y - z + y - z \div y$ ; use  $y = 13.7$ , and  $z = 12.7$
- 326)  $b \div (5a - (10 + b))$ ; use  $a = 19.998$ , and  $b = 15.3$
- 327)  $10 - y \div (x - (x - x))$ ; use  $x = 13.4$ , and  $y = 13.8$
- 328)  $(hj - h) \div (9 - 1)$ ; use  $h = 3.9$ , and  $j = 12.901$
- 329)  $z - y \times y \div 11^3$ ; use  $y = 16.828$ , and  $z = 13.1$
- 330)  $nm(m - m) + n$ ; use  $m = 13.4$ , and  $n = 11.8$
- 331)  $m - 5 - m \div (m + p)$ ; use  $m = 12.8$ , and  $p = 11.8$
- 332)  $nm \times n \div 5n$ ; use  $m = 3.3$ , and  $n = 11.9$
- 333)  $x \div (y^2 + 4 + x)$ ; use  $x = 8.89$ , and  $y = 2.9$
- 334)  $yx \div (y - (x - 3))$ ; use  $x = 7.38$ , and  $y = 11.4$
- 335)  $p + p + q + q - 15$ ; use  $p = 12.2$ , and  $q = 11.42$
- 336)  $x^2 + y + y - y$ ; use  $x = 12.8$ , and  $y = 10.17$
- 337)  $x + y - 6 - (x - x)$ ; use  $x = 12.2$ , and  $y = 18.4$
- 338)  $h \times j \div (h + h) + 9$ ; use  $h = 15.4$ , and  $j = 18.1$
- 339)  $x(2y - x) + x$ ; use  $x = 3.2$ , and  $y = 9.9$
- 340)  $12 \times b \div ca - a$ ; use  $a = 2.6$ ,  $b = 9.9$ , and  $c = 13.1$
- 341)  $(m + n)^2 \div (n - p)$ ; use  $m = 3.2$ ,  $n = 18.5$ , and  $p = 10.9$
- 342)  $13m^2 \div (p + m)$ ; use  $m = 2.6$ , and  $p = 18.5$
- 343)  $p + n + np + n$ ; use  $n = 10.192$ , and  $p = 6.8$
- 344)  $18 - (y - x \div x) + x$ ; use  $x = 12.7$ , and  $y = 15.64$
- 345)  $y - y \div (z^2)^3$ ; use  $y = 8$ , and  $z = 14.4$
- 346)  $(p(q + p + p)) \div p$ ; use  $p = 2$ , and  $q = 16.5$
- 347)  $(20 - x)^2 \div (y + x)$ ; use  $x = 2.6$ , and  $y = 16.5$
- 348)  $(20 + a - (a + 9)) \div b$ ; use  $a = 11.5$ , and  $b = 5.9$
- 349)  $x^3 + 17 + x \div z$ ; use  $x = 2$ , and  $z = 12.1$
- 350)  $(hh^3) \div (j - h)$ ; use  $h = 2.6$ , and  $j = 5.36$
- 351)  $y - x - 14 \div z + x$ ; use  $x = 12.1$ ,  $y = 16.6$ , and  $z = 16.61$
- 352)  $2 \div p + pm + 4$ ; use  $m = 11.5$ , and  $p = 14.6$
- 353)  $m \div 16 - (n \div m)^2$ ; use  $m = 12.1$ , and  $n = 6.1$
- 354)  $p - n \div (p(p + m))$ ; use  $m = 1.9$ ,  $n = 14.7$ , and  $p = 2.8$
- 355)  $y^2x - x \div y$ ; use  $x = 12.1$ , and  $y = 4$
- 356)  $yz \div (y - z) + z$ ; use  $y = 4.1$ , and  $z = 3.4$
- 357)  $b + a \div 18 + a + a$ ; use  $a = 1.3$ , and  $b = 12.7$

- 358)  $y - (14 - y) + 5x$ ; use  $x = 7.91$ , and  $y = 8.4$
- 359)  $(x + 19) \div (y - (y - y))$ ; use  $x = 10.9$ , and  $y = 2.1$
- 360)  $(j - h - (j - j)) \div j$ ; use  $h = 9.41$ , and  $j = 10.7$
- 361)  $b^2 + 18(a + a)$ ; use  $a = 1.9$ , and  $b = 2.1$
- 362)  $(p + m)(p^2 + m)$ ; use  $m = 1.3$ , and  $p = 2.2$
- 363)  $q - q \div p - p \div q$ ; use  $p = 10.9$ , and  $q = 10.83$
- 364)  $zy - y - z \div 17$ ; use  $y = 10.7$ , and  $z = 10.4$
- 365)  $13y \div (17 - x^3)$ ; use  $x = 1.8$ , and  $y = 10.8$
- 366)  $8 \div (11 - (n - p) + n)$ ; use  $n = 6.8$ , and  $p = 5.8$
- 367)  $(p^2 + p + p) \div q$ ; use  $p = 19.8$ , and  $q = 19.3$
- 368)  $12 - (b - a) + b + a$ ; use  $a = 10.2$ , and  $b = 19.4$
- 369)  $(j + j) \div (h + j^2)$ ; use  $h = 1.2$ , and  $j = 8.8$
- 370)  $y + y - x \div (y - x)$ ; use  $x = 10.8$ , and  $y = 19.3$
- 371)  $z - x^2 - (2 + x)$ ; use  $x = 1.3$ , and  $z = 16.6$
- 372)  $b \times (b + a) \div 13a$ ; use  $a = 10.8$ , and  $b = 2.75$
- 373)  $p - m - 1 \div m + m$ ; use  $m = 10.2$ , and  $p = 17.3$
- 374)  $m + n + 3 - m - m$ ; use  $m = 19.7$ , and  $n = 17.5$
- 375)  $9 + yx - (x - y)$ ; use  $x = 10.2$ , and  $y = 6.9$
- 376)  $12 + m + m - p - m$ ; use  $m = 10.7$ , and  $p = 6.8$
- 377)  $p - q \div p \times p \div 17$ ; use  $p = 9.6$ , and  $q = 6.9$
- 378)  $2^2 + a + b \div a$ ; use  $a = 19.1$ , and  $b = 15.4$
- 379)  $11^2 + y \div x + x$ ; use  $x = 1.2$ , and  $y = 17.4$
- 380)  $h \div j(13 + hj)$ ; use  $h = 10.1$ , and  $j = 15.5$
- 381)  $p(19 - p) - (m - 9)$ ; use  $m = 19.1$ , and  $p = 5$
- 382)  $p + 7^2 \div (p + m)$ ; use  $m = 9.5$ , and  $p = 12.6$
- 383)  $12 - x + x \div yx$ ; use  $x = 10.1$ , and  $y = 5$
- 384)  $p(m + p^2) + p$ ; use  $m = 19.6$ , and  $p = 4.054$
- 385)  $7x \times (x - y) \div x$ ; use  $x = 19$ , and  $y = 13.6$
- 386)  $a + b - ab \div 15$ ; use  $a = 19.7$ , and  $b = 4.9$
- 387)  $x + y + y - y + y$ ; use  $x = 9.5$ , and  $y = 3$
- 388)  $p - q - (q + p \div 19)$ ; use  $p = 18.5$ , and  $q = 3$
- 389)  $x + y + 8y^2$ ; use  $x = 16.45$ , and  $y = 3.8$
- 390)  $b + b - (b - (a + 2))$ ; use  $a = 9.4$ , and  $b = 16.66$
- 391)  $k + j + h - k - j$ ; use  $h = 19$ ,  $j = 11.5$ , and  $k = 8.3$
- 392)  $(7 - y) \div x - y \div 17$ ; use  $x = 19$ , and  $y = 1.1$
- 393)  $m \times 9 \div n + n + n$ ; use  $m = 18.4$ , and  $n = 1.1$
- 394)  $p \times m \div (m + 9 + p)$ ; use  $m = 7.148$ , and  $p = 2.1$
- 395)  $h^2 - j + 15 + j$ ; use  $h = 8.9$ , and  $j = 1$
- 396)  $xy \div (x(y + x))$ ; use  $x = 8.8$ , and  $y = 9.6$
- 397)  $p - (18 - (1 + 6 + q))$ ; use  $p = 8.2$ , and  $q = 9.7$
- 398)  $k + h + h + k - 14$ ; use  $h = 16.46$ , and  $k = 15.8$
- 399)  $x + y + 1 + 18 - y$ ; use  $x = 18.4$ , and  $y = 18.1$
- 400)  $(b^2(a - b)) \div b$ ; use  $a = 11.751$ , and  $b = 8.8$
- 401)  $(x + x) \div (6 + z)$ ; use  $x = 5\frac{1}{2}$ , and  $z = 1\frac{2}{3}$
- 402)  $m^2(m + n)$ ; use  $m = \frac{1}{5}$ , and  $n = 7\frac{2}{15}$
- 403)  $h \div (j^2 - h)$ ; use  $h = \frac{3}{2}$ , and  $j = 3\frac{1}{3}$
- 404)  $x + x + y + 11$ ; use  $x = 2\frac{1}{5}$ , and  $y = \frac{2}{3}$
- 405)  $p + r + \frac{4}{r}$ ; use  $p = 4\frac{2}{9}$ , and  $r = 14$
- 406)  $(x - y) \div 12y$ ; use  $x = 4\frac{7}{12}$ , and  $y = 2$
- 407)  $p + 7 + 9 + q$ ; use  $p = 1\frac{6}{13}$ , and  $q = 1$
- 408)  $y - y + 9 - x$ ; use  $x = \frac{26}{15}$ , and  $y = 7\frac{1}{2}$
- 409)  $y + 11 - 3 - x$ ; use  $x = 2\frac{1}{2}$ , and  $y = 7$

- 410)  $h + j + j + 10$ ; use  $h = 3\frac{2}{9}$ , and  $j = \frac{7}{15}$
- 412)  $(y(12 - y)) \div z$ ; use  $y = 7\frac{9}{10}$ , and  $z = \frac{18}{11}$
- 414)  $p + 44q$ ; use  $p = 5\frac{8}{13}$ , and  $q = 2\frac{3}{11}$
- 416)  $p - (m^2)^2$ ; use  $m = \frac{10}{13}$ , and  $p = \frac{10}{7}$
- 418)  $q \div (6p)^2$ ; use  $p = \frac{1}{9}$ , and  $q = 7\frac{4}{9}$
- 420)  $y - (x - x) - x$ ; use  $x = \frac{2}{3}$ , and  $y = 10\frac{2}{11}$
- 422)  $(m + m + 4) \div n$ ; use  $m = 2$ , and  $n = \frac{2}{3}$
- 424)  $a - b(c - c)$ ; use  $a = 7\frac{3}{10}$ ,  $b = 3\frac{1}{9}$ , and  $c = \frac{1}{2}$
- 425)  $q \times q \div (15 + p)$ ; use  $p = 5\frac{2}{9}$ , and  $q = 7\frac{2}{3}$
- 427)  $5 + p - q^2$ ; use  $p = 1$ , and  $q = \frac{8}{13}$
- 429)  $x^2(y + y)$ ; use  $x = \frac{1}{10}$ , and  $y = 5\frac{3}{4}$
- 431)  $m \div (m + 6) + n$ ; use  $m = 4\frac{3}{4}$ , and  $n = 5\frac{3}{4}$
- 433)  $j \div (h(j + h))$ ; use  $h = \frac{3}{4}$ , and  $j = 2\frac{6}{13}$
- 435)  $(q + p) \div (5 + p)$ ; use  $p = 2$ , and  $q = 4\frac{4}{7}$
- 437)  $\frac{3p^2}{m}$ ; use  $m = \frac{11}{8}$ , and  $p = 6\frac{5}{9}$
- 439)  $y(z - (y - y))$ ; use  $y = \frac{3}{4}$ , and  $z = 2$
- 441)  $\frac{j}{h} + h + 4$ ; use  $h = 2$ , and  $j = 1$
- 443)  $a \times b \div (a + b)$ ; use  $a = 4\frac{1}{5}$ , and  $b = \frac{19}{10}$
- 445)  $y - (x - (3 - x))$ ; use  $x = 2$ , and  $y = 6\frac{1}{2}$
- 447)  $y^3 - x$ ; use  $x = 1\frac{1}{2}$ , and  $y = 2$
- 449)  $rp(q + 2)$ ; use  $p = 2\frac{4}{9}$ ,  $q = \frac{12}{7}$ , and  $r = 3\frac{5}{8}$
- 451)  $\frac{9}{x}(x - y)$ ; use  $x = 14$ , and  $y = \frac{17}{14}$
- 452)  $k^2 - j + h$ ; use  $h = 7\frac{1}{12}$ ,  $j = \frac{1}{4}$ , and  $k = 5\frac{7}{12}$
- 411)  $j \times (h - j) \div h$ ; use  $h = 6\frac{7}{13}$ , and  $j = 4\frac{1}{6}$
- 413)  $a + b \div a^2$ ; use  $a = \frac{2}{5}$ , and  $b = \frac{5}{4}$
- 415)  $(4 + m)(12 - n)$ ; use  $m = 6\frac{8}{9}$ , and  $n = \frac{1}{4}$
- 417)  $z - y^2 \div x$ ; use  $x = \frac{1}{2}$ ,  $y = \frac{1}{6}$ , and  $z = \frac{6}{7}$
- 419)  $\frac{y}{x}(y + x)$ ; use  $x = 7\frac{5}{6}$ , and  $y = 4\frac{1}{15}$
- 421)  $x + yx - y$ ; use  $x = 2\frac{2}{7}$ , and  $y = \frac{7}{11}$
- 423)  $h + 11(j + 6)$ ; use  $h = 1$ , and  $j = 5\frac{2}{5}$
- 426)  $\frac{8xy}{x}$ ; use  $x = \frac{1}{6}$ , and  $y = \frac{1}{14}$
- 428)  $\frac{13}{8z} - y$ ; use  $y = 4\frac{8}{11}$ , and  $z = \frac{4}{13}$
- 430)  $r \div (p + 1 - 2)$ ; use  $p = 2\frac{9}{14}$ , and  $r = 3\frac{1}{10}$
- 432)  $(x + x) \div x - y$ ; use  $x = \frac{12}{7}$ , and  $y = \frac{7}{4}$
- 434)  $10 + y + x^2$ ; use  $x = \frac{10}{11}$ , and  $y = 3$
- 436)  $a - b - (a - a)$ ; use  $a = 6\frac{11}{14}$ , and  $b = 1\frac{2}{3}$
- 438)  $7x + x - y$ ; use  $x = 11$ , and  $y = 1$
- 440)  $\frac{p}{p} + p - q$ ; use  $p = 2$ , and  $q = \frac{15}{11}$
- 442)  $y\left(\frac{y}{x} + x\right)$ ; use  $x = 6\frac{4}{11}$ , and  $y = 11$
- 444)  $(n(5 + m)) \div 1$ ; use  $m = \frac{17}{9}$ , and  $n = 4\frac{1}{5}$
- 446)  $(m + 7)(13 + p)$ ; use  $m = \frac{6}{5}$ , and  $p = 2$
- 448)  $(m + p)^2 \div m$ ; use  $m = 7\frac{11}{12}$ , and  $p = \frac{16}{9}$
- 450)  $a + a - c + 11$ ; use  $a = 7\frac{1}{9}$ , and  $c = 1\frac{2}{3}$

- 453)  $y^2 - (14 + x)$ ; use  $x = \frac{6}{5}$ , and  $y = 6\frac{5}{6}$
- 455)  $12p + mp$ ; use  $m = 2\frac{5}{13}$ , and  $p = \frac{1}{3}$
- 457)  $p - (p + q - p)$ ; use  $p = 13$ , and  $q = 6\frac{4}{9}$
- 459)  $h(h + j + j)$ ; use  $h = 6\frac{2}{3}$ , and  $j = 1$
- 461)  $c - a \div 10^2$ ; use  $a = \frac{11}{7}$ , and  $c = 6\frac{5}{14}$
- 463)  $b(a + b^2)$ ; use  $a = \frac{5}{4}$ , and  $b = 5\frac{1}{6}$
- 465)  $(z + 1) \div 6 + x$ ; use  $x = 7\frac{3}{10}$ , and  $z = 2\frac{1}{5}$
- 467)  $n^2 \times \frac{m}{n}$ ; use  $m = 6\frac{13}{14}$ , and  $n = \frac{7}{10}$
- 469)  $8 - \left(q - \frac{6}{p}\right)$ ; use  $p = 15$ , and  $q = \frac{1}{2}$
- 471)  $(6(n + m)) \div m$ ; use  $m = \frac{11}{9}$ , and  $n = \frac{5}{3}$
- 473)  $y \times \frac{xy}{x}$ ; use  $x = \frac{3}{11}$ , and  $y = 6\frac{1}{2}$
- 475)  $7x \times \frac{y}{3}$ ; use  $x = 2\frac{11}{15}$ , and  $y = 2\frac{7}{15}$
- 477)  $m \div (p - p^2)$ ; use  $m = \frac{18}{11}$ , and  $p = \frac{7}{13}$
- 479)  $3(b - a) + b$ ; use  $a = \frac{1}{2}$ , and  $b = 1$
- 481)  $q + 7p^2$ ; use  $p = \frac{1}{8}$ , and  $q = \frac{29}{15}$
- 483)  $(a - (b - b)) \div b$ ; use  $a = \frac{16}{9}$ , and  $b = 7\frac{7}{12}$
- 485)  $11p(m - p)$ ; use  $m = 6\frac{1}{2}$ , and  $p = 6\frac{1}{3}$
- 487)  $\frac{q}{m} + p^2$ ; use  $m = \frac{2}{3}$ ,  $p = 2\frac{1}{3}$ , and  $q = \frac{5}{14}$
- 489)  $m \div (n - (m - n))$ ; use  $m = 5\frac{5}{8}$ , and  $n = 4$
- 491)  $10z + 6x$ ; use  $x = 5\frac{3}{5}$ , and  $z = 3\frac{13}{14}$
- 493)  $k + 6 - kh$ ; use  $h = \frac{1}{2}$ , and  $k = 6\frac{1}{4}$
- 495)  $p + 8 - (m + m)$ ; use  $m = \frac{3}{2}$ , and  $p = 8$
- 497)  $z + (y + z) \div 5$ ; use  $y = 2$ , and  $z = \frac{1}{2}$
- 454)  $6(z + x + 1)$ ; use  $x = 1$ , and  $z = 5\frac{2}{3}$
- 456)  $\frac{p}{8} + p + m$ ; use  $m = 2$ , and  $p = 7\frac{10}{11}$
- 458)  $8 \times (8 + x) \div y$ ; use  $x = 6\frac{3}{10}$ , and  $y = \frac{5}{4}$
- 460)  $x(y - y) + x$ ; use  $x = 7\frac{5}{6}$ , and  $y = 2\frac{2}{7}$
- 462)  $x(3 + y)^2$ ; use  $x = 2\frac{1}{2}$ , and  $y = 1\frac{1}{12}$
- 464)  $p + p - \frac{m}{m}$ ; use  $m = 5\frac{4}{7}$ , and  $p = 4\frac{3}{10}$
- 466)  $y - x - (y - y)$ ; use  $x = 2$ , and  $y = 4\frac{11}{15}$
- 468)  $y - (x - y^3)$ ; use  $x = \frac{3}{7}$ , and  $y = \frac{5}{8}$
- 470)  $\frac{3}{x^2y}$ ; use  $x = \frac{5}{7}$ , and  $y = 5\frac{1}{6}$
- 472)  $j(j + hj)$ ; use  $h = 5\frac{5}{7}$ , and  $j = \frac{7}{9}$
- 474)  $a \div (a - (a - b))$ ; use  $a = 7\frac{5}{14}$ , and  $b = 1$
- 476)  $8(n - (m - m))$ ; use  $m = 6\frac{3}{4}$ , and  $n = 7\frac{5}{7}$
- 478)  $\frac{p^2m}{p}$ ; use  $m = \frac{4}{7}$ , and  $p = 5$
- 480)  $26(x + y)$ ; use  $x = 1\frac{3}{5}$ , and  $y = 1\frac{1}{3}$
- 482)  $11 \div (y(z - y))$ ; use  $y = \frac{4}{13}$ , and  $z = 3\frac{2}{3}$
- 484)  $y \div (x^2 - x)$ ; use  $x = 2\frac{13}{15}$ , and  $y = 14\frac{11}{15}$
- 486)  $y^3 - y - x$ ; use  $x = \frac{9}{5}$ , and  $y = 3\frac{5}{6}$
- 488)  $15 \div (b + a - a)$ ; use  $a = \frac{3}{2}$ , and  $b = \frac{15}{8}$
- 490)  $z(z + z - y)$ ; use  $y = 7\frac{6}{7}$ , and  $z = 7\frac{5}{14}$
- 492)  $9 + p(p - q)$ ; use  $p = 4\frac{1}{12}$ , and  $q = \frac{3}{2}$
- 494)  $b + \frac{a^2}{a}$ ; use  $a = 5\frac{2}{9}$ , and  $b = 3\frac{1}{6}$
- 496)  $x^2 - y^2$ ; use  $x = 6\frac{3}{10}$ , and  $y = 3\frac{1}{2}$
- 498)  $5 + \frac{p}{2} + m$ ; use  $m = \frac{2}{13}$ , and  $p = 6\frac{7}{13}$



499)  $q + (p^2)^2$ ; use  $p = \frac{2}{3}$ , and  $q = 5$

500)  $(9 - x) \div y + y$ ; use  $x = 1$ , and  $y = \frac{3}{14}$

501)  $3j - k(8 - h)$ ; use  $h = \frac{1}{2}$ ,  $j = 10\frac{4}{19}$ , and  $k = \frac{4}{5}$

502)  $x^2 - x - \frac{x}{y}$ ; use  $x = 1\frac{13}{20}$ , and  $y = 2\frac{11}{14}$

503)  $(h - j)(j + h) + j$ ; use  $h = 6\frac{11}{15}$ , and  $j = \frac{6}{5}$

504)  $(y + x) \div (y - 5 + 10)$ ; use  $x = \frac{4}{5}$ , and  $y = 8\frac{3}{14}$

505)  $\frac{5mn}{m} - m$ ; use  $m = 10\frac{1}{2}$ , and  $n = 10\frac{8}{9}$

506)  $a \times (13a - b) \div a$ ; use  $a = 4\frac{15}{17}$ , and  $b = 3\frac{2}{3}$

507)  $yx(y - x - x)$ ; use  $x = \frac{8}{9}$ , and  $y = 4\frac{1}{3}$

508)  $7(m - p) + m - p$ ; use  $m = 4\frac{7}{19}$ , and  $p = \frac{16}{9}$

509)  $15 + j + 15 - (h + 18)$ ; use  $h = 1$ , and  $j = 3\frac{2}{17}$

510)  $p - \left( p - \left( p - \frac{q}{12} \right) \right)$ ; use  $p = 5\frac{5}{6}$ , and  $q = 1\frac{4}{7}$

511)  $\frac{y}{x} + \frac{y}{y} + 17$ ; use  $x = 1$ , and  $y = \frac{17}{16}$

512)  $x + (6 - (z + 4)) \div x$ ; use  $x = \frac{1}{4}$ , and  $z = \frac{19}{13}$

513)  $j - h + j + \frac{h}{17}$ ; use  $h = 1$ , and  $j = 9\frac{9}{13}$

514)  $b + 9a - (b - b)$ ; use  $a = 13\frac{3}{5}$ , and  $b = \frac{31}{19}$

515)  $(x + y) \div (19 + x) + y$ ; use  $x = 8\frac{10}{11}$ , and  $y = 13\frac{4}{9}$

516)  $5 - (p + p) + m - m$ ; use  $m = 4\frac{1}{6}$ , and  $p = \frac{1}{2}$

517)  $\frac{n^2}{m^3}$ ; use  $m = \frac{7}{9}$ , and  $n = 3\frac{6}{11}$

518)  $9 - (y + y - y) \div x$ ; use  $x = 7\frac{2}{3}$ , and  $y = 7\frac{5}{14}$

519)  $y^2 \div (y + y + x)$ ; use  $x = 2$ , and  $y = 4\frac{3}{16}$

520)  $(q + p^3) \div (12 - q)$ ; use  $p = \frac{12}{13}$ , and  $q = \frac{9}{19}$

521)  $(yx(y + y)) \div y$ ; use  $x = 2\frac{1}{10}$ , and  $y = 7\frac{1}{4}$

522)  $b + 1 - (a + a - a)$ ; use  $a = \frac{15}{11}$ , and  $b = 19$

523)  $x + x - \frac{x}{xy}$ ; use  $x = \frac{13}{14}$ , and  $y = \frac{13}{14}$

524)  $j + h^2 - j + h$ ; use  $h = 4\frac{2}{9}$ , and  $j = 7\frac{4}{17}$

525)  $5p \times (r - q) \div r$ ; use  $p = 7\frac{2}{17}$ ,  $q = \frac{4}{5}$ , and  $r = \frac{7}{4}$

526)  $y^2(14 - 4 + x)$ ; use  $x = \frac{4}{3}$ , and  $y = 4\frac{1}{10}$

527)  $\frac{20}{m}(m + n + m)$ ; use  $m = 7\frac{8}{15}$ , and  $n = 1\frac{5}{13}$

528)  $18m(m - 4p)$ ; use  $m = 2$ , and  $p = \frac{3}{7}$

529)  $x - x + \frac{x}{xy}$ ; use  $x = 6\frac{9}{10}$ , and  $y = 9\frac{10}{11}$

530)  $y + \frac{3}{y} + 2x$ ; use  $x = 3\frac{1}{14}$ , and  $y = \frac{5}{9}$

531)  $p - q^2 - (p - r)$ ; use  $p = 6\frac{4}{11}$ ,  $q = \frac{1}{17}$ , and  $r = \frac{1}{3}$

532)  $p - (q - p) \div (p + 19)$ ; use  $p = 8\frac{1}{19}$ , and  $q = 9\frac{11}{12}$

533)  $h + k - 5 + j + k$ ; use  $h = 2$ ,  $j = 5\frac{8}{9}$ , and  $k = 7\frac{2}{15}$

534)  $x(11(y + y) - y)$ ; use  $x = \frac{9}{20}$ , and  $y = \frac{4}{3}$

535)  $b(a - b) - (15 + b)$ ; use  $a = 20$ , and  $b = 8\frac{5}{8}$

536)  $6 + x - x(y - y)$ ; use  $x = 9\frac{11}{12}$ , and  $y = 4\frac{10}{11}$

537)  $y \div (x + y - (14 - 13))$ ; use  $x = \frac{17}{16}$ , and  $y = 5\frac{14}{15}$

538)  $\frac{p}{m}(m + 7p)$ ; use  $m = \frac{24}{19}$ , and  $p = \frac{4}{5}$

539)  $(15 - n - (2 + 10)) \div m$ ; use  $m = \frac{5}{3}$ , and  $n = \frac{11}{6}$

540)  $x + y - (3 - x)^3$ ; use  $x = \frac{4}{5}$ , and  $y = 17$

541)  $x + \frac{x}{y} + \frac{y}{x}$ ; use  $x = 10\frac{3}{4}$ , and  $y = \frac{30}{17}$

542)  $x + \frac{5}{y} - \frac{x}{x}$ ; use  $x = 7\frac{7}{8}$ , and  $y = 3\frac{2}{3}$

543)  $p - p(q - 9p)$ ; use  $p = \frac{1}{7}$ , and  $q = \frac{4}{3}$

544)  $(a^2(b - a)) \div b$ ; use  $a = 12$ , and  $b = 20$

545)  $7 + 14 - 10 - (k + j)$ ; use  $j = \frac{1}{2}$ , and  $k = 8\frac{1}{20}$

546)  $8 - \left(\frac{12}{x} - y^2\right)$ ; use  $x = 5\frac{15}{16}$ , and  $y = \frac{5}{4}$

547)  $17 \times \frac{m}{p} + 20 + m$ ; use  $m = 9\frac{8}{9}$ , and  $p = 1$

548)  $12 \times m \div (pq + m)$ ; use  $m = 1$ ,  $p = 4\frac{2}{3}$ , and  $q = 7\frac{5}{8}$

549)  $13 + q - (p - p) - q$ ; use  $p = 5\frac{17}{18}$ , and  $q = 7\frac{5}{14}$

550)  $y \times \frac{xy}{9x}$ ; use  $x = 9\frac{1}{4}$ , and  $y = 6\frac{6}{17}$

551)  $3 + 12 - x - y - x$ ; use  $x = \frac{23}{19}$ , and  $y = \frac{1}{2}$

552)  $(20 - n + n) \div (m + m)$ ; use  $m = 6\frac{1}{20}$ , and  $n = \frac{11}{7}$

553)  $8 - (y - y) \div x - x$ ; use  $x = 5\frac{5}{8}$ , and  $y = 9\frac{3}{10}$

554)  $p \div (q^2(p - q))$ ; use  $p = \frac{9}{5}$ , and  $q = \frac{16}{9}$

555)  $5 - h^2 \times \frac{j}{16}$ ; use  $h = \frac{17}{9}$ , and  $j = 1$

556)  $(a - b)(7a - a)$ ; use  $a = 5$ , and  $b = \frac{23}{20}$

557)  $(y + 6)^2 \div xy$ ; use  $x = 8\frac{5}{6}$ , and  $y = \frac{9}{11}$

558)  $(x + 1 - y^2) \div y$ ; use  $x = 6\frac{1}{14}$ , and  $y = \frac{17}{19}$

559)  $m^2 - pq + p$ ; use  $m = 10\frac{11}{13}$ ,  $p = 8\frac{11}{14}$ , and  $q = 2\frac{3}{20}$

560)  $y \times \frac{y}{x} - y + 6$ ; use  $x = \frac{1}{2}$ , and  $y = 7$

561)  $m^2(n - (m - m))$ ; use  $m = \frac{1}{4}$ , and  $n = 6\frac{1}{2}$

562)  $(m^2n + n) \div m$ ; use  $m = 5\frac{3}{8}$ , and  $n = 7\frac{1}{4}$

$$563) y + x + y - x - y; \text{ use } x = 8\frac{14}{17}, \text{ and } y = 8\frac{11}{12}$$

$$564) b \div (ab - c^3); \text{ use } a = 7\frac{1}{18}, b = 10\frac{1}{18}, \text{ and } c = 3\frac{1}{13}$$

$$565) 19 \div (x - (18 - y - 1)); \text{ use } x = 14, \text{ and } y = 8\frac{3}{10}$$

$$566) (19 + k)^2 \div kj; \text{ use } j = 4\frac{2}{3}, \text{ and } k = \frac{7}{8}$$

$$567) p^2 - (p - q) \div q; \text{ use } p = 3\frac{5}{11}, \text{ and } q = \frac{16}{9}$$

$$568) x(15 - x) - (z - z); \text{ use } x = 2, \text{ and } z = 19$$

$$569) a\left(b + b - \frac{15}{15}\right); \text{ use } a = 7\frac{2}{3}, \text{ and } b = 8\frac{2}{3}$$

$$570) y^2 + y + z^2; \text{ use } y = 1\frac{8}{17}, \text{ and } z = 9\frac{5}{12}$$

$$571) (x + x - (y - y)) \div x; \text{ use } x = \frac{9}{5}, \text{ and } y = 1\frac{3}{11}$$

$$572) (m + p) \div p - \frac{m}{14}; \text{ use } m = \frac{33}{19}, \text{ and } p = \frac{29}{18}$$

$$573) 15\left(10 + \frac{x}{y}\right) + y; \text{ use } x = \frac{3}{4}, \text{ and } y = 5\frac{6}{7}$$

$$574) (y + x)(x + x - x); \text{ use } x = 6\frac{1}{2}, \text{ and } y = 7\frac{7}{18}$$

$$575) p \div (p - (q^2 - p)); \text{ use } p = \frac{8}{9}, \text{ and } q = 1$$

$$576) z^2 + y \div (7 + y); \text{ use } y = \frac{11}{8}, \text{ and } z = \frac{7}{6}$$

$$577) (j(j - h)) \div (h + h); \text{ use } h = 1, \text{ and } j = 3\frac{3}{20}$$

$$578) 13 \times (a - 3) \div (a + b); \text{ use } a = 6\frac{5}{6}, \text{ and } b = \frac{1}{5}$$

$$579) n \div (n + n - (n + m)); \text{ use } m = 4\frac{1}{14}, \text{ and } n = 9\frac{1}{20}$$

$$580) y + 8 + y + x - y; \text{ use } x = 3\frac{10}{19}, \text{ and } y = 8\frac{11}{12}$$

$$581) a \div (a^2 + c + a); \text{ use } a = \frac{13}{16}, \text{ and } c = 1\frac{1}{17}$$

$$582) n - m - m - m^2; \text{ use } m = \frac{1}{5}, \text{ and } n = 6\frac{11}{14}$$

$$583) m^2 \div m - (m - p); \text{ use } m = 6\frac{1}{11}, \text{ and } p = 1$$

$$584) 2m - \frac{p}{m} - m; \text{ use } m = 8\frac{3}{7}, \text{ and } p = \frac{1}{4}$$

$$585) 14 + y - (3 - (x + x)); \text{ use } x = \frac{1}{8}, \text{ and } y = \frac{3}{4}$$

$$586) 9 - y \div (x + y) + y; \text{ use } x = 1, \text{ and } y = 14$$

$$587) \frac{h^2}{h^2j}; \text{ use } h = 10\frac{4}{9}, \text{ and } j = 3\frac{1}{20}$$

$$588) (c - b) \div (a - b + 1); \text{ use } a = 5\frac{3}{4}, b = \frac{27}{17}, \text{ and } c = 9\frac{4}{9}$$

$$589) (19q - (q - q)) \div p; \text{ use } p = 1\frac{4}{5}, \text{ and } q = 3\frac{2}{3}$$

$$590) y^2xx^2; \text{ use } x = \frac{6}{7}, \text{ and } y = 10\frac{1}{17}$$

$$591) \frac{45}{b} - (a + 20); \text{ use } a = 7\frac{1}{12}, \text{ and } b = \frac{8}{17}$$

$$592) (14(y + x)) \div (y + x); \text{ use } x = 10\frac{8}{11}, \text{ and } y = 5\frac{1}{7}$$

$$593) m - (m - m) - (p - m); \text{ use } m = \frac{7}{5}, \text{ and } p = \frac{5}{3}$$

$$594) n - n(m - m)^2; \text{ use } m = \frac{1}{8}, \text{ and } n = 4\frac{7}{12}$$

$$596) 2 \times \frac{m}{q} - 2q; \text{ use } m = \frac{25}{13}, \text{ and } q = \frac{4}{7}$$

$$598) y^3 + x^2 - x; \text{ use } x = 2\frac{5}{9}, \text{ and } y = \frac{1}{5}$$

$$600) 40\left(\frac{j}{k}\right)^3; \text{ use } j = \frac{29}{17}, \text{ and } k = \frac{6}{5}$$

$$602) 1 - \frac{a}{b} + a; \text{ use } a = 6\frac{10}{11}, \text{ and } b = 7\frac{5}{8}$$

$$604) p - m \div (p + 14); \text{ use } m = 6\frac{2}{3}, \text{ and } p = 6\frac{5}{7}$$

$$606) (p + q - q) \div p; \text{ use } p = 4\frac{7}{8}, \text{ and } q = 1\frac{1}{9}$$

$$608) y - y + \frac{x}{1}; \text{ use } x = 3\frac{7}{15}, \text{ and } y = 1\frac{5}{6}$$

$$610) 6(x - (y - y)); \text{ use } x = 6\frac{1}{2}, \text{ and } y = 7\frac{5}{9}$$

$$612) 13 - h - (j + h); \text{ use } h = 1\frac{4}{13}, \text{ and } j = 3\frac{8}{15}$$

$$614) \frac{b}{b} - (a - a); \text{ use } a = 1, \text{ and } b = 1\frac{2}{13}$$

$$616) m + n + m - m; \text{ use } m = 6\frac{5}{6}, \text{ and } n = 4\frac{1}{2}$$

$$618) x \div (y + y - y); \text{ use } x = 3\frac{1}{10}, \text{ and } y = 5$$

$$620) (11x - y) \div x; \text{ use } x = 7\frac{1}{4}, \text{ and } y = 1\frac{4}{15}$$

$$622) \frac{7}{j} + h - 2; \text{ use } h = 4\frac{5}{9}, \text{ and } j = 7$$

$$624) (y - z) \div 7 + x; \text{ use } x = 5\frac{2}{3}, y = 2\frac{7}{12}, \text{ and } z = 1\frac{5}{6}$$

$$625) m^3 - n + 7; \text{ use } m = 4\frac{2}{15}, \text{ and } n = 2\frac{5}{6}$$

$$627) p + m - m^2; \text{ use } m = 4\frac{3}{8}, \text{ and } p = 15$$

$$629) (x + 9y) \div y; \text{ use } x = 3\frac{5}{8}, \text{ and } y = 6\frac{1}{12}$$

$$631) z + z + \frac{z}{y}; \text{ use } y = 2\frac{5}{6}, \text{ and } z = 3\frac{2}{5}$$

$$633) p - \frac{6}{5q}; \text{ use } p = 1\frac{5}{7}, \text{ and } q = 6\frac{5}{7}$$

$$635) (14j - h) \div 3; \text{ use } h = 7\frac{1}{5}, \text{ and } j = 4\frac{2}{3}$$

$$595) x + \frac{x}{y}(13 - x); \text{ use } x = 5\frac{13}{14}, \text{ and } y = \frac{5}{3}$$

$$597) \left(\frac{p}{q}\right)^3 q^2; \text{ use } p = \frac{2}{3}, \text{ and } q = 5\frac{1}{20}$$

$$599) y - x^3 + x; \text{ use } x = \frac{1}{3}, \text{ and } y = \frac{27}{17}$$

$$601) x + y + yx; \text{ use } x = 14\frac{5}{11}, \text{ and } y = 4\frac{7}{10}$$

$$603) x\left(y + \frac{y}{x}\right); \text{ use } x = 11, \text{ and } y = 5\frac{4}{11}$$

$$605) (m + m + m) \div p; \text{ use } m = 1, \text{ and } p = 3\frac{9}{11}$$

$$607) m - (n - 3)^2; \text{ use } m = 6\frac{3}{10}, \text{ and } n = 4\frac{2}{5}$$

$$609) (y + y + x) \div y; \text{ use } x = 6\frac{5}{8}, \text{ and } y = 7\frac{5}{6}$$

$$611) (j(j + h)) \div j; \text{ use } h = 3\frac{4}{15}, \text{ and } j = 5\frac{4}{5}$$

$$613) (x - y^2) \div y; \text{ use } x = 3\frac{2}{7}, \text{ and } y = 1\frac{3}{4}$$

$$615) x(y + 12 - 6); \text{ use } x = 7\frac{7}{12}, \text{ and } y = 3\frac{1}{12}$$

$$617) (p + q)(q + 3); \text{ use } p = 7\frac{3}{4}, \text{ and } q = 1\frac{1}{3}$$

$$619) 3 + p - \frac{m}{p}; \text{ use } m = 7\frac{1}{12}, \text{ and } p = 2\frac{7}{9}$$

$$621) kh^2 - 6; \text{ use } h = 6\frac{5}{11}, \text{ and } k = 3\frac{2}{9}$$

$$623) a(a + 11 - b); \text{ use } a = 4\frac{1}{3}, \text{ and } b = 1\frac{7}{10}$$

$$626) x^2 \div (10 - y); \text{ use } x = 4\frac{2}{15}, \text{ and } y = 6\frac{1}{8}$$

$$628) z(y^2 + z); \text{ use } y = 3\frac{11}{13}, \text{ and } z = 2\frac{1}{4}$$

$$630) \frac{xy}{y} + x; \text{ use } x = 4\frac{5}{6}, \text{ and } y = 5\frac{1}{4}$$

$$632) p + q + q - q; \text{ use } p = 3\frac{5}{14}, \text{ and } q = 2\frac{6}{11}$$

$$634) (a^2 - a) \div b; \text{ use } a = 7\frac{2}{13}, \text{ and } b = 4\frac{3}{4}$$

$$636) y + x - \frac{15}{x}; \text{ use } x = 7\frac{6}{11}, \text{ and } y = 7\frac{1}{2}$$

637)  $nm \div n^2$ ; use  $m = 3$ , and  $n = 15\frac{1}{3}$

638)  $p\left(\frac{13}{q} - p\right)$ ; use  $p = 2\frac{3}{10}$ , and  $q = 4\frac{13}{15}$

639)  $m^2 + m - p$ ; use  $m = 5\frac{3}{4}$ , and  $p = 1\frac{9}{13}$

640)  $y \div (x - y) + y$ ; use  $x = 11$ , and  $y = 6\frac{2}{5}$

641)  $\frac{yx}{x} - 4$ ; use  $x = 5\frac{3}{10}$ , and  $y = 5\frac{1}{3}$

642)  $x \times z \div (x + 6)$ ; use  $x = 5\frac{1}{2}$ , and  $z = 6\frac{2}{7}$

643)  $ab + \frac{b}{a}$ ; use  $a = 3\frac{7}{9}$ , and  $b = 3$

644)  $13p - \frac{q}{q}$ ; use  $p = 7\frac{1}{2}$ , and  $q = 1\frac{1}{2}$

645)  $n - (n - m) + 3$ ; use  $m = 2\frac{4}{7}$ , and  $n = 4\frac{5}{8}$

646)  $(15 - h) \div (j + j)$ ; use  $h = 3\frac{13}{15}$ , and  $j = 1\frac{1}{11}$

647)  $y^2(y - x)$ ; use  $x = 1\frac{1}{14}$ , and  $y = 3\frac{1}{14}$

648)  $m^2 - \frac{p}{m}$ ; use  $m = 1\frac{11}{13}$ , and  $p = 5\frac{6}{7}$

649)  $rq - (12 + q)$ ; use  $q = 7\frac{3}{11}$ , and  $r = 3\frac{1}{2}$

650)  $x(4 + y - y)$ ; use  $x = 5\frac{1}{6}$ , and  $y = 6\frac{5}{6}$

651)  $(x(3 + z)) \div y$ ; use  $x = 2\frac{1}{12}$ ,  $y = 1\frac{6}{11}$ , and  $z = 6\frac{1}{4}$

652)  $h + h - \frac{15}{j}$ ; use  $h = 5\frac{8}{11}$ , and  $j = 5\frac{1}{5}$

653)  $(y - x + y) \div y$ ; use  $x = 4\frac{3}{4}$ , and  $y = 5\frac{13}{15}$

654)  $\frac{2}{n} + \frac{m}{3}$ ; use  $m = 5\frac{1}{3}$ , and  $n = 5\frac{1}{2}$

655)  $a(10 - (a - b))$ ; use  $a = 6\frac{3}{5}$ , and  $b = 1\frac{1}{6}$

656)  $z \div (4(y - x))$ ; use  $x = 3\frac{8}{9}$ ,  $y = 4$ , and  $z = 1\frac{1}{2}$

657)  $p + q - (q - q)$ ; use  $p = 1\frac{1}{12}$ , and  $q = 7\frac{1}{2}$

658)  $mp - p + 14$ ; use  $m = 4\frac{4}{9}$ , and  $p = 2\frac{4}{15}$

659)  $m(n + n - m)$ ; use  $m = 6\frac{1}{2}$ , and  $n = 7\frac{13}{14}$

660)  $xy^2 - x$ ; use  $x = 2\frac{1}{8}$ , and  $y = 7\frac{1}{4}$

661)  $a + a + b + a$ ; use  $a = 5\frac{7}{15}$ , and  $b = 6\frac{8}{11}$

662)  $n\left(n - \frac{m}{7}\right)$ ; use  $m = 1\frac{9}{13}$ , and  $n = 9$

663)  $8 \div (h - h + j)$ ; use  $h = 1\frac{4}{7}$ , and  $j = 2\frac{8}{13}$

664)  $(q - p)^3 \div q$ ; use  $p = 5\frac{1}{8}$ , and  $q = 6\frac{5}{12}$

665)  $m^2 - (p - p)$ ; use  $m = 7\frac{4}{5}$ , and  $p = 6\frac{7}{9}$

666)  $xy - (7 + y)$ ; use  $x = 6\frac{4}{5}$ , and  $y = 2\frac{1}{2}$

667)  $2x(13 - y)$ ; use  $x = 3\frac{1}{12}$ , and  $y = 2\frac{4}{13}$

668)  $z \div (x(1 + z))$ ; use  $x = 5\frac{3}{4}$ , and  $z = 1\frac{5}{8}$

669)  $m - 1 \div n^2$ ; use  $m = 5\frac{5}{12}$ , and  $n = 7\frac{14}{15}$

670)  $3p(p + q)$ ; use  $p = 5\frac{1}{4}$ , and  $q = 2\frac{9}{11}$

671)  $b(c - c) + b$ ; use  $b = 7\frac{9}{10}$ , and  $c = 4\frac{1}{3}$

672)  $h - h + j^2$ ; use  $h = 4\frac{1}{3}$ , and  $j = 6\frac{4}{7}$

673)  $y(y + x) - y$ ; use  $x = 1\frac{6}{13}$ , and  $y = 2\frac{5}{12}$

674)  $y^2 - x^2$ ; use  $x = 1\frac{1}{9}$ , and  $y = 7\frac{1}{8}$

675)  $5 - b + a^2$ ; use  $a = 3\frac{5}{9}$ , and  $b = 4\frac{1}{4}$

676)  $yx^2 + y$ ; use  $x = 2\frac{2}{15}$ , and  $y = 2\frac{7}{11}$

677)  $(m(m + n)) \div m$ ; use  $m = 2\frac{3}{7}$ , and  $n = 1\frac{2}{9}$

678)  $(x(y + x)) \div y$ ; use  $x = 6\frac{3}{14}$ , and  $y = 5\frac{1}{4}$

679)  $\frac{rp}{r} + r$ ; use  $p = 6\frac{1}{14}$ , and  $r = 6\frac{13}{14}$

680)  $(a + 13 - b) \div b$ ; use  $a = 7\frac{5}{6}$ , and  $b = 12$

681)  $h \div (k^2 + j)$ ; use  $h = 3\frac{7}{12}$ ,  $j = 1\frac{3}{8}$ , and  $k = 5\frac{6}{13}$

682)  $(6(p - m)) \div p$ ; use  $m = 6\frac{9}{11}$ , and  $p = 7\frac{4}{11}$

683)  $y - \left(y - \frac{x}{6}\right)$ ; use  $x = 6\frac{3}{5}$ , and  $y = 2\frac{5}{14}$

684)  $n^2 - \frac{p}{p}$ ; use  $n = 1\frac{1}{2}$ , and  $p = 1\frac{3}{4}$

685)  $\frac{7}{x} \times y^2$ ; use  $x = 7\frac{3}{10}$ , and  $y = 6\frac{1}{12}$

686)  $5 + p^2 - m$ ; use  $m = 5\frac{1}{3}$ , and  $p = 5\frac{13}{15}$

687)  $x^2 \div y - 4$ ; use  $x = 5\frac{5}{11}$ , and  $y = 6\frac{7}{10}$

688)  $b + b \div (a - b)$ ; use  $a = 6\frac{2}{5}$ , and  $b = 4\frac{5}{12}$

689)  $p + 13 + q^2$ ; use  $p = 3\frac{9}{10}$ , and  $q = 3\frac{8}{13}$

690)  $(y - x)^2 + 13$ ; use  $x = 2\frac{1}{2}$ , and  $y = 4\frac{14}{15}$

691)  $\left(\frac{j}{h}\right)^3 + h$ ; use  $h = 2\frac{1}{8}$ , and  $j = 1\frac{1}{9}$

692)  $a^2 + b^2$ ; use  $a = 4\frac{1}{2}$ , and  $b = 5\frac{1}{5}$

693)  $\frac{12c}{2b}$ ; use  $b = 5\frac{5}{6}$ , and  $c = 3\frac{1}{3}$

694)  $(8^2 + x) \div y$ ; use  $x = 7\frac{1}{7}$ , and  $y = 3\frac{3}{4}$

695)  $p \times (m + p) \div 8$ ; use  $m = 2\frac{6}{7}$ , and  $p = 4\frac{2}{5}$

696)  $x(x + y - y)$ ; use  $x = 2\frac{11}{15}$ , and  $y = 6\frac{7}{8}$

697)  $m^2 + p + 8$ ; use  $m = 7\frac{4}{13}$ , and  $p = 1\frac{8}{9}$

698)  $m(n - (n - n))$ ; use  $m = 7\frac{8}{13}$ , and  $n = 2\frac{9}{10}$

699)  $(q + q) \div qp$ ; use  $p = 6\frac{1}{6}$ , and  $q = 7\frac{3}{7}$

700)  $x + y + y - y$ ; use  $x = 6\frac{1}{6}$ , and  $y = 1\frac{3}{8}$

701)  $xy - (y^2 - z)$ ; use  $x = 13$ ,  $y = 10\frac{6}{7}$ , and  $z = 5\frac{7}{10}$

702)  $(y^2 + x) \div 4y$ ; use  $x = 3\frac{13}{15}$ , and  $y = 4\frac{13}{18}$

703)  $\frac{x^2}{yx} + y$ ; use  $x = 8\frac{11}{18}$ , and  $y = 4\frac{5}{9}$

704)  $j + k - (j - h) + j$ ; use  $h = 3\frac{2}{7}$ ,  $j = 8\frac{2}{11}$ , and  $k = 15\frac{5}{6}$

705)  $(5 + m) \div (p^2 - m)$ ; use  $m = 6\frac{2}{15}$ , and  $p = 4\frac{1}{7}$

706)  $(z(y + 6)) \div (x - y)$ ; use  $x = 2\frac{9}{19}$ ,  $y = 1\frac{1}{6}$ , and  $z = 9\frac{5}{8}$

707)  $m - \left(16 - \frac{n}{n} - n\right)$ ; use  $m = 9\frac{5}{11}$ , and  $n = 8\frac{1}{16}$

708)  $\frac{20}{x} + y + y + 5$ ; use  $x = 3\frac{3}{7}$ , and  $y = 8\frac{9}{14}$

709)  $m(9 - p - (m - m))$ ; use  $m = 2\frac{14}{15}$ , and  $p = 4\frac{3}{7}$

710)  $4 \div x^2 \times \frac{z}{y}$ ; use  $x = 5\frac{5}{8}$ ,  $y = 9\frac{7}{10}$ , and  $z = 7\frac{7}{10}$

711)  $6 \times (p + q)^2 \div p$ ; use  $p = 9\frac{5}{12}$ , and  $q = 5\frac{7}{13}$

712)  $(14 - x)^2 - x - y$ ; use  $x = 6\frac{3}{4}$ , and  $y = 7\frac{7}{11}$

713)  $\frac{x}{x} - \frac{y}{18x}$ ; use  $x = 8\frac{8}{11}$ , and  $y = 3\frac{7}{8}$

714)  $(h + h) \div j + 11j$ ; use  $h = 4\frac{5}{8}$ , and  $j = 6\frac{1}{20}$

715)  $19b - (c - (c - b))$ ; use  $b = 3\frac{11}{20}$ , and  $c = 8\frac{13}{14}$

716)  $y + x(x^2 - x)$ ; use  $x = 2\frac{1}{12}$ , and  $y = 1\frac{19}{20}$

717)  $h^2 \div (20(h - j))$ ; use  $h = 1\frac{5}{19}$ , and  $j = 1\frac{2}{9}$

718)  $12 - (m - (p - p)) + n$ ; use  $m = 5\frac{1}{4}$ ,  $n = 1\frac{11}{14}$ , and  $p = 10\frac{3}{5}$

719)  $x - (y - y) + x - x$ ; use  $x = 1\frac{18}{19}$ , and  $y = 2\frac{1}{12}$

720)  $m(p + p + m - m)$ ; use  $m = 2\frac{3}{8}$ , and  $p = 4\frac{11}{13}$

721)  $\frac{p}{q} + q(8 - p)$ ; use  $p = 7\frac{1}{4}$ , and  $q = 8\frac{2}{11}$

722)  $y^2 \div x + x - 1$ ; use  $x = 10\frac{7}{20}$ , and  $y = 2\frac{17}{18}$

723)  $(k + 7 + h) \div jk$ ; use  $h = 2\frac{1}{12}$ ,  $j = 5\frac{13}{20}$ , and  $k = 3\frac{1}{5}$

724)  $(z - (z - 2)) \div (x + x)$ ; use  $x = 4\frac{11}{16}$ , and  $z = 8\frac{5}{12}$

725)  $y\left(x - \left(y - \frac{17}{y}\right)\right)$ ; use  $x = 8\frac{3}{4}$ , and  $y = 6\frac{3}{4}$

726)  $b + a^3 - \frac{b}{b}$ ; use  $a = 1\frac{3}{4}$ , and  $b = 1\frac{2}{15}$

727)  $9^2 \div (a - (b - b))$ ; use  $a = 1\frac{7}{8}$ , and  $b = 7\frac{1}{4}$

728)  $x(y + 1) + 6y$ ; use  $x = 6\frac{2}{5}$ , and  $y = 8\frac{1}{2}$

729)  $h \times h \div (j + h^3)$ ; use  $h = 8\frac{19}{20}$ , and  $j = 10\frac{2}{3}$

730)  $m^2(8 - n) + 10$ ; use  $m = 8\frac{13}{16}$ , and  $n = 7\frac{11}{20}$

731)  $m \div (p + 2) \times \frac{12}{q}$ ; use  $m = 6\frac{13}{20}$ ,  $p = 5\frac{3}{16}$ , and  $q = 3\frac{1}{2}$

732)  $18 - (x - x) - \frac{x}{y}$ ; use  $x = 9\frac{1}{12}$ , and  $y = 7\frac{1}{5}$

733)  $z + x \div (z + y - y)$ ; use  $x = 4\frac{4}{9}$ ,  $y = 9\frac{9}{20}$ , and  $z = 5\frac{5}{6}$

734)  $(p + p) \div (q - q + q)$ ; use  $p = 5\frac{3}{16}$ , and  $q = 1\frac{9}{10}$

735)  $(x(x + y + y)) \div x$ ; use  $x = 11$ , and  $y = 7\frac{7}{13}$

736)  $q + p^2 + \frac{p}{p}$ ; use  $p = 3\frac{2}{5}$ , and  $q = 7\frac{1}{5}$

737)  $x - (y + y)(x - x)$ ; use  $x = 2\frac{7}{17}$ , and  $y = 5\frac{1}{19}$

738)  $(x + yx + x) \div x$ ; use  $x = 2\frac{15}{16}$ , and  $y = 10\frac{5}{18}$

739)  $j + 17 + h - \frac{1}{j}$ ; use  $h = 6\frac{5}{12}$ , and  $j = 3\frac{3}{20}$

$$740) n \times (m + 19 + m) \div p; \text{ use } m = 7\frac{5}{9}, n = 3\frac{3}{5}, \text{ and } p = 5\frac{5}{8}$$

$$741) p - (p^2 - q) \div p; \text{ use } p = 4\frac{10}{17}, \text{ and } q = 10\frac{10}{13}$$

$$742) 20 \div (10(a - a) + b); \text{ use } a = 9\frac{9}{20}, \text{ and } b = 1\frac{1}{2}$$

$$743) \frac{15}{y}(y + x + x); \text{ use } x = 3\frac{1}{5}, \text{ and } y = 2\frac{3}{8}$$

$$744) \frac{5}{p} + (q - p)^2; \text{ use } p = 2\frac{2}{17}, \text{ and } q = 10\frac{2}{3}$$

$$745) 19 - 20 \div (y(y - z)); \text{ use } y = 19\frac{1}{4}, \text{ and } z = 2\frac{1}{6}$$

$$746) b + 4 + a + \frac{b}{13}; \text{ use } a = 5\frac{9}{13}, \text{ and } b = 4\frac{1}{19}$$

$$747) 15\left(x - \left(x - \frac{y}{x}\right)\right); \text{ use } x = 9\frac{1}{6}, \text{ and } y = 1\frac{3}{10}$$

$$748) 15 + hj + 2 + h; \text{ use } h = 2\frac{4}{5}, \text{ and } j = 16$$

$$749) q - (p + p - q) \div 19; \text{ use } p = 9\frac{4}{9}, \text{ and } q = 4\frac{1}{7}$$

$$750) (z^2 + x) \div 9x; \text{ use } x = 8\frac{1}{9}, \text{ and } z = 5\frac{1}{10}$$

$$751) m \times \frac{m}{14}(p + m); \text{ use } m = 2\frac{5}{6}, \text{ and } p = 3\frac{2}{7}$$

$$752) 3q - \left(\frac{8}{r} + 14\right); \text{ use } q = 18\frac{2}{3}, \text{ and } r = 1\frac{13}{15}$$

$$753) y - 1 \div (xy)^2; \text{ use } x = 8\frac{7}{9}, \text{ and } y = 8\frac{11}{17}$$

$$754) 7 + n - 2 \div (m + m); \text{ use } m = 7\frac{1}{2}, \text{ and } n = 1\frac{5}{14}$$

$$755) 1 + y \div (xy^2); \text{ use } x = 4\frac{4}{13}, \text{ and } y = 9\frac{1}{3}$$

$$756) \frac{x}{6} + 7y - y; \text{ use } x = 1\frac{13}{17}, \text{ and } y = 5\frac{5}{6}$$

$$757) yx + 12^2 - y; \text{ use } x = 3\frac{1}{2}, \text{ and } y = 5\frac{7}{15}$$

$$758) z^2 \div (yz - y); \text{ use } y = 2\frac{1}{2}, \text{ and } z = 9\frac{1}{8}$$

$$759) q\left(14 - \frac{p}{2}\right) + p; \text{ use } p = 8\frac{9}{10}, \text{ and } q = 3\frac{1}{20}$$

$$760) c^3 - \left(a - \frac{b}{19}\right); \text{ use } a = 1\frac{1}{6}, b = 10\frac{1}{2}, \text{ and } c = 4\frac{5}{8}$$

$$761) (17 + j^2) \div h^2; \text{ use } h = 8\frac{8}{17}, \text{ and } j = 4\frac{13}{16}$$

$$762) q - (q - 9) + q + m; \text{ use } m = 10\frac{1}{18}, \text{ and } q = 9\frac{1}{6}$$

$$763) y(x^2 + z - 5); \text{ use } x = 3\frac{3}{10}, y = 6\frac{4}{15}, \text{ and } z = 8\frac{1}{6}$$

$$764) n^2 + \frac{m}{mn}; \text{ use } m = 3\frac{1}{14}, \text{ and } n = 10\frac{2}{3}$$

$$765) 12 + m - (15 - n) \div m; \text{ use } m = 3\frac{3}{14}, \text{ and } n = 4\frac{6}{13}$$

$$766) x - ((5 - z)^2 + z); \text{ use } x = 9\frac{1}{2}, \text{ and } z = 4\frac{9}{20}$$

$$767) (y - y)^3 + \frac{x}{y}; \text{ use } x = 4\frac{3}{14}, \text{ and } y = 1\frac{1}{13}$$

$$768) x \div x^3 + y + 8; \text{ use } x = 7\frac{7}{10}, \text{ and } y = 3\frac{1}{5}$$

$$769) (y + y + x) \div 3y; \text{ use } x = 10\frac{1}{6}, \text{ and } y = 9\frac{11}{20}$$



$$770) q \div (p - (15 - (19 - p))); \text{ use } p = 4\frac{1}{3}, \text{ and } q = 14$$

$$771) b + 4 + b + 10 - a; \text{ use } a = 6\frac{1}{18}, \text{ and } b = 5\frac{9}{13}$$

$$772) 16(h - (j + h) \div j); \text{ use } h = 6\frac{9}{10}, \text{ and } j = 2\frac{9}{14}$$

$$773) (m + 12m) \div (p + p); \text{ use } m = 17, \text{ and } p = 1\frac{7}{16}$$

$$774) p - (17 + 3)(m - m); \text{ use } m = 6\frac{5}{11}, \text{ and } p = 9\frac{1}{3}$$

$$775) y - y \div (x + y - 4); \text{ use } x = 4\frac{3}{14}, \text{ and } y = 3\frac{5}{18}$$

$$776) m + n + 2 - (n - n); \text{ use } m = 9\frac{5}{7}, \text{ and } n = 3$$

$$777) 16x \div (x(x - y)); \text{ use } x = 18, \text{ and } y = 1\frac{3}{5}$$

$$778) \frac{xy}{x^2y}; \text{ use } x = 6\frac{5}{18}, \text{ and } y = 7\frac{1}{9}$$

$$779) y(6x - 5x); \text{ use } x = 8\frac{1}{7}, \text{ and } y = 8\frac{11}{14}$$

$$780) x - x + (y + x)^2; \text{ use } x = 5\frac{2}{3}, \text{ and } y = 7\frac{15}{17}$$

$$781) p + p - q(p - p); \text{ use } p = 1\frac{1}{14}, \text{ and } q = 9\frac{7}{16}$$

$$782) (18 - x)^2 - (y + x); \text{ use } x = 9\frac{1}{7}, \text{ and } y = 6\frac{3}{11}$$

$$783) a^2 \div (b + a + b); \text{ use } a = 5\frac{8}{11}, \text{ and } b = 1\frac{2}{13}$$

$$784) (j + hj) \div h^2; \text{ use } h = 2\frac{1}{3}, \text{ and } j = 3\frac{5}{12}$$

$$785) n^2 + 140 + m; \text{ use } m = 7\frac{14}{19}, \text{ and } n = 4\frac{11}{17}$$

$$786) (9 - y) \div (y + yx); \text{ use } x = 9\frac{1}{15}, \text{ and } y = 3\frac{9}{10}$$

$$787) p \times (m + m + p) \div m; \text{ use } m = 2\frac{1}{3}, \text{ and } p = 10\frac{1}{20}$$

$$788) \frac{y}{y} + x(y - y); \text{ use } x = 4\frac{1}{11}, \text{ and } y = 6\frac{5}{16}$$

$$789) 20 - m + m - (m + n); \text{ use } m = 3\frac{5}{18}, \text{ and } n = 1\frac{9}{14}$$

$$790) 13^2 \div (4p - q); \text{ use } p = 8\frac{2}{7}, \text{ and } q = 1\frac{1}{14}$$

$$791) (a + a + 4) \div b^2; \text{ use } a = 1\frac{3}{4}, \text{ and } b = 4\frac{5}{11}$$

$$792) b^2 - 11 - (a + 20); \text{ use } a = 3\frac{6}{11}, \text{ and } b = 13$$

$$793) 9 + x + y - (x + x); \text{ use } x = 7\frac{13}{15}, \text{ and } y = 10\frac{3}{8}$$

$$794) q + (16 - 13) \div (20 - m); \text{ use } m = 4\frac{7}{15}, \text{ and } q = 1\frac{1}{4}$$

$$795) 15(x + y - (3 + x)); \text{ use } x = 7\frac{3}{8}, \text{ and } y = 3\frac{3}{7}$$

$$796) n + m + \frac{nm}{n}; \text{ use } m = 9\frac{1}{12}, \text{ and } n = 6\frac{2}{15}$$

$$797) (h + 17)(2 + j) - 5; \text{ use } h = 8\frac{2}{15}, \text{ and } j = 1\frac{3}{10}$$

$$798) 11zx \div y^2; \text{ use } x = 8\frac{7}{8}, y = 10\frac{6}{11}, \text{ and } z = 4\frac{7}{18}$$

$$799) 1 + p - 6 \div (q + 4); \text{ use } p = 4\frac{4}{19}, \text{ and } q = 3\frac{5}{12}$$

$$800) p - \left(m + q - \frac{12}{q}\right); \text{ use } m = 4\frac{3}{4}, p = 19\frac{1}{2}, \text{ and } q = 9\frac{7}{20}$$

$$801) (p + 9 - p - q) \div q; \text{ use } p = \frac{5}{6}, \text{ and } q = \frac{7}{17}$$

$$802) (4(6 - y) - y) \div x; \text{ use } x = \frac{10}{17}, \text{ and } y = \frac{9}{5}$$

$$803) a + c - (c^2 + 8); \text{ use } a = 12, \text{ and } c = \frac{10}{9}$$

$$804) y + y + y^2 - x; \text{ use } x = 1, \text{ and } y = \frac{35}{18}$$

$$805) y(y^2 + x^2); \text{ use } x = 2, \text{ and } y = \frac{13}{18}$$

$$806) m - (m + p) \div 18p; \text{ use } m = \frac{17}{14}, \text{ and } p = \frac{2}{5}$$

$$807) 11 \div (m + m - (n - m)); \text{ use } m = \frac{23}{17}, \text{ and } n = \frac{15}{11}$$

$$808) 17 \times 11 \div (b - (a - b)); \text{ use } a = \frac{3}{2}, \text{ and } b = \frac{3}{2}$$

$$809) x + (34 - y) \div x; \text{ use } x = \frac{5}{3}, \text{ and } y = \frac{9}{5}$$

$$810) x\left(15 + 13 - \frac{y}{x}\right); \text{ use } x = \frac{5}{7}, \text{ and } y = \frac{13}{9}$$

$$811) zx(z - yx); \text{ use } x = 9, y = \frac{5}{8}, \text{ and } z = 6$$

$$812) ba(a^2 - a); \text{ use } a = 2, \text{ and } b = \frac{1}{2}$$

$$813) p + 10 - 2 + q - q; \text{ use } p = \frac{13}{18}, \text{ and } q = \frac{3}{2}$$

$$814) (6 + 6 + b) \div (c + b); \text{ use } b = \frac{3}{2}, \text{ and } c = \frac{1}{9}$$

$$815) y - y + y - \frac{x}{16}; \text{ use } x = \frac{12}{11}, \text{ and } y = \frac{6}{13}$$

$$816) y - \left(\frac{x}{z} - yx\right); \text{ use } x = \frac{4}{9}, y = \frac{10}{13}, \text{ and } z = \frac{15}{17}$$

$$817) 7(j + h + j - j); \text{ use } h = \frac{27}{14}, \text{ and } j = \frac{29}{17}$$

$$818) p + m - \left(p - \frac{p}{m}\right); \text{ use } m = 1, \text{ and } p = \frac{37}{19}$$

$$819) 17 + (y - y) \div x^2; \text{ use } x = 2, \text{ and } y = \frac{31}{20}$$

$$820) p - \frac{m}{p}(q + m); \text{ use } m = \frac{3}{14}, p = \frac{26}{19}, \text{ and } q = \frac{11}{6}$$

$$821) 17 - \left(\frac{9}{q} + r + r\right); \text{ use } q = \frac{15}{14}, \text{ and } r = \frac{7}{5}$$

$$822) (8 + m - (n - n)) \div m; \text{ use } m = \frac{2}{5}, \text{ and } n = \frac{5}{3}$$

$$823) \frac{x}{19} + \frac{y}{2} - x; \text{ use } x = \frac{4}{7}, \text{ and } y = 10$$

$$824) x \div (y + x + x - y); \text{ use } x = \frac{7}{4}, \text{ and } y = \frac{9}{8}$$

$$825) (10 - b) \div (b + 2 - a); \text{ use } a = \frac{4}{5}, \text{ and } b = \frac{9}{10}$$

$$826) \frac{p}{11} + 11 - m^3; \text{ use } m = \frac{36}{19}, \text{ and } p = \frac{3}{7}$$

$$827) y - 1 + x \div x^2; \text{ use } x = \frac{1}{11}, \text{ and } y = 4$$

$$828) \frac{m}{m} + 11p^2; \text{ use } m = 1, \text{ and } p = \frac{3}{2}$$

$$829) m^2(n^2)^2; \text{ use } m = 2, \text{ and } n = \frac{11}{8}$$

830)  $\frac{q}{p} - p(q - q)$ ; use  $p = \frac{1}{2}$ , and  $q = \frac{10}{9}$

831)  $j + j + 13 + 20h$ ; use  $h = \frac{2}{9}$ , and  $j = \frac{3}{2}$

832)  $z(11 - (10 + x - 1))$ ; use  $x = \frac{5}{3}$ , and  $z = 16$

833)  $10^2 \div h + \frac{k}{k}$ ; use  $h = \frac{7}{6}$ , and  $k = \frac{27}{20}$

834)  $x^3(y + 15 - y)$ ; use  $x = \frac{19}{15}$ , and  $y = \frac{2}{3}$

835)  $5 + h + j^3 + j$ ; use  $h = \frac{1}{2}$ , and  $j = \frac{23}{16}$

836)  $16 + 9^2 - (j + h)$ ; use  $h = \frac{6}{11}$ , and  $j = 3$

837)  $x - (x - y - y - y)$ ; use  $x = \frac{29}{19}$ , and  $y = \frac{7}{15}$

838)  $(z - y)^2 \div 13^2$ ; use  $y = \frac{11}{10}$ , and  $z = 13$

839)  $(m + p) \div m^2 + m$ ; use  $m = \frac{34}{19}$ , and  $p = 1$

840)  $(n + p) \div (10 - n^2)$ ; use  $n = 2$ , and  $p = \frac{3}{2}$

841)  $p \div (q + p(p - p))$ ; use  $p = 7$ , and  $q = \frac{29}{20}$

842)  $(y - y + yx) \div y$ ; use  $x = 7$ , and  $y = 2$

843)  $10 - (j - j) - h^2$ ; use  $h = 2$ , and  $j = \frac{9}{11}$

844)  $\frac{a}{b} + 99 - b$ ; use  $a = \frac{15}{8}$ , and  $b = \frac{1}{3}$

845)  $y \div (y + y) + \frac{y}{x}$ ; use  $x = 1$ , and  $y = \frac{3}{5}$

846)  $z^2 - x \div (z + x)$ ; use  $x = \frac{5}{4}$ , and  $z = \frac{33}{17}$

847)  $(16 - a - b) \div (b + 2)$ ; use  $a = \frac{1}{19}$ , and  $b = 2$

848)  $13^2 \div m - 3p$ ; use  $m = 1$ , and  $p = \frac{5}{11}$

849)  $m + \frac{m}{n} - (m + 11)$ ; use  $m = \frac{5}{8}$ , and  $n = \frac{1}{18}$

850)  $h\left(\frac{j}{h} - h\right) + h$ ; use  $h = \frac{2}{5}$ , and  $j = \frac{18}{11}$

851)  $7 \times \frac{q}{p} + q^2$ ; use  $p = \frac{3}{8}$ , and  $q = \frac{1}{3}$

852)  $16y^2 - (y - x)$ ; use  $x = 1$ , and  $y = \frac{8}{5}$

853)  $(y - x^2) \div x^3$ ; use  $x = \frac{1}{2}$ , and  $y = \frac{31}{18}$

854)  $a - (c - c) + b^2$ ; use  $a = \frac{2}{3}$ ,  $b = \frac{4}{3}$ , and  $c = 2$

855)  $y(x + x) - \frac{x}{y}$ ; use  $x = \frac{6}{5}$ , and  $y = 20$

856)  $x + \frac{x}{x} - \frac{x}{y}$ ; use  $x = \frac{6}{5}$ , and  $y = \frac{30}{19}$

857)  $n^2(20 - (m + n))$ ; use  $m = \frac{13}{20}$ , and  $n = \frac{1}{10}$

858)  $(h + h)^2 \div j^2$ ; use  $h = \frac{11}{17}$ , and  $j = \frac{3}{2}$

859)  $(13 - 2z) \div (z + y)$ ; use  $y = 1$ , and  $z = \frac{2}{7}$

860)  $y \div (7 + y)(x + y)$ ; use  $x = \frac{7}{4}$ , and  $y = 1$

861)  $\frac{20}{x} + 1 + y + y$ ; use  $x = \frac{23}{13}$ , and  $y = \frac{16}{13}$

862)  $(17(19 - q)) \div (11 + r)$ ; use  $q = \frac{19}{20}$ , and  $r = \frac{4}{3}$

863)  $q - (p - (p - p) - 1)$ ; use  $p = \frac{20}{13}$ , and  $q = \frac{4}{3}$

864)  $(5 - p) \div (p - p + q)$ ; use  $p = \frac{7}{9}$ , and  $q = 13$

865)  $204 - (ba + a)$ ; use  $a = 19$ , and  $b = \frac{4}{17}$

866)  $10 - y - (y + x) - y$ ; use  $x = \frac{3}{2}$ , and  $y = 1$

867)  $p - \left(\frac{m}{p} - m\right) + m$ ; use  $m = \frac{3}{17}$ , and  $p = \frac{7}{8}$

868)  $y^3 - \frac{x}{x}$ ; use  $x = \frac{13}{9}$ , and  $y = 2$

$$869) (n + m) \div (m - n^2); \text{ use } m = \frac{24}{13}, \text{ and } n = \frac{11}{15}$$

$$870) (y + x)^2 \div (y + y); \text{ use } x = 16, \text{ and } y = 1$$

$$872) y + x + x + 12 + x; \text{ use } x = \frac{11}{10}, \text{ and } y = \frac{1}{2}$$

$$873) 18 - (j - h \div (16 + j)); \text{ use } h = \frac{11}{9}, \text{ and } j = \frac{7}{4}$$

$$874) a + 3 + b + b + b; \text{ use } a = \frac{16}{17}, \text{ and } b = \frac{2}{9}$$

$$876) x + 12(15 - y + x); \text{ use } x = \frac{24}{17}, \text{ and } y = \frac{12}{7}$$

$$878) m - (11 - 9)^2 - n; \text{ use } m = 14, \text{ and } n = 1$$

$$880) 8^2 + m^2 - p; \text{ use } m = \frac{7}{5}, \text{ and } p = \frac{2}{3}$$

$$882) (m^2(n + n)) \div m; \text{ use } m = 2, \text{ and } n = \frac{3}{17}$$

$$883) y + 9 - \left(\frac{x}{y} - z\right); \text{ use } x = \frac{30}{17}, y = \frac{12}{11}, \text{ and } z = \frac{2}{7}$$

$$884) r - (p - r + p - p); \text{ use } p = \frac{13}{7}, \text{ and } r = \frac{6}{5}$$

$$885) c \times 3c \div (b + a); \text{ use } a = \frac{17}{10}, b = \frac{7}{4}, \text{ and } c = \frac{1}{2}$$

$$886) h + 8(j - j) + h; \text{ use } h = \frac{8}{7}, \text{ and } j = \frac{12}{17}$$

$$888) m + 14 \div m^2 - n; \text{ use } m = \frac{3}{2}, \text{ and } n = \frac{3}{4}$$

$$890) (y + x + x) \div (y + y); \text{ use } x = \frac{9}{14}, \text{ and } y = \frac{1}{3}$$

$$891) q \div (p^2(13 + q)); \text{ use } p = \frac{3}{7}, \text{ and } q = 3$$

$$893) j\left(18 - \frac{j}{h} - j\right); \text{ use } h = 1, \text{ and } j = \frac{9}{19}$$

$$895) m + m + q + p - q; \text{ use } m = \frac{19}{15}, p = \frac{36}{19}, \text{ and } q = \frac{7}{4}$$

$$896) 9x + 11 - yx; \text{ use } x = 2, \text{ and } y = 2$$

$$898) m \div (m(m + m) + n); \text{ use } m = \frac{3}{10}, \text{ and } n = \frac{8}{7}$$

$$899) 9 \div (x(y + 5 + y)); \text{ use } x = \frac{1}{3}, \text{ and } y = \frac{39}{20}$$

$$871) p \div (6 - q) - \frac{q}{9}; \text{ use } p = \frac{22}{13}, \text{ and } q = \frac{6}{5}$$

$$875) x + y + 9^2 - y; \text{ use } x = \frac{5}{6}, \text{ and } y = \frac{13}{8}$$

$$877) (j + h) \div j - (j + 3); \text{ use } h = 2, \text{ and } j = \frac{1}{3}$$

$$879) y + y + x + x - y; \text{ use } x = \frac{15}{13}, \text{ and } y = \frac{19}{16}$$

$$881) 18y(z + z) - y; \text{ use } y = \frac{13}{16}, \text{ and } z = \frac{1}{9}$$

$$887) x \div (8yz^2); \text{ use } x = 2, y = \frac{8}{11}, \text{ and } z = \frac{22}{13}$$

$$889) 2(p - q \div (p + p)); \text{ use } p = 1, \text{ and } q = \frac{5}{3}$$

$$892) 11 - (x - y) - 5 + y; \text{ use } x = \frac{3}{2}, \text{ and } y = \frac{3}{2}$$

$$894) 13(y + x + 1 - x); \text{ use } x = \frac{16}{11}, \text{ and } y = \frac{4}{3}$$

$$897) \frac{10}{p^2}(p - n); \text{ use } n = \frac{13}{7}, \text{ and } p = 5$$

$$900) (a^2 - b) \div (a + a); \text{ use } a = \frac{5}{3}, \text{ and } b = \frac{4}{3}$$

## Order of operations - positive algebraic expressions

Evaluate each using the values given.

- 1)  $q - (p - (p - p))$ ; use  $p = 6$ , and  $q = 8$  **2**
- 3)  $(j - (j - h)) \div 4$ ; use  $h = 8$ , and  $j = 13$  **2**
- 5)  $6 - m + p + m$ ; use  $m = 2$ , and  $p = 1$  **7**
- 7)  $y(x - 8) - x$ ; use  $x = 11$ , and  $y = 15$  **34**
- 9)  $z^2 - (x - 13)$ ; use  $x = 13$ , and  $z = 1$  **1**
- 11)  $n - m(n - n)$ ; use  $m = 4$ , and  $n = 15$  **15**
- 13)  $q - (p - (p - 2))$ ; use  $p = 6$ , and  $q = 11$  **9**
- 15)  $8h - (j + 12)$ ; use  $h = 9$ , and  $j = 1$  **59**
- 17)  $n + m^2 - n$ ; use  $m = 10$ , and  $n = 6$  **100**
- 19)  $p + m - (q - p)$ ; use  $m = 11$ ,  $p = 12$ , and  $q = 14$  **21**
- 20)  $n + (m + 12) \div 5$ ; use  $m = 13$ , and  $n = 2$  **7**
- 22)  $x \times (y + x) \div 2$ ; use  $x = 6$ , and  $y = 8$  **42**
- 24)  $8(q - (r - 10))$ ; use  $q = 14$ , and  $r = 14$  **80**
- 26)  $x + y - z \div 3$ ; use  $x = 2$ ,  $y = 10$ , and  $z = 3$  **11**
- 28)  $p + p + m + p$ ; use  $m = 4$ , and  $p = 15$  **49**
- 30)  $x^2 + y - x$ ; use  $x = 5$ , and  $y = 6$  **26**
- 32)  $2yx + y$ ; use  $x = 6$ , and  $y = 11$  **143**
- 34)  $j^2h^2$ ; use  $h = 2$ , and  $j = 6$  **144**
- 36)  $(a - a) \div 6 + b$ ; use  $a = 9$ , and  $b = 7$  **7**
- 38)  $6 + y^2 + x$ ; use  $x = 13$ , and  $y = 9$  **100**
- 40)  $a - (1 + c) \div 2$ ; use  $a = 11$ , and  $c = 1$  **10**
- 42)  $7(a + c + 11)$ ; use  $a = 3$ , and  $c = 2$  **112**
- 44)  $(10 - (x - y)) \div 5$ ; use  $x = 9$ , and  $y = 4$  **1**
- 46)  $x^2 - y - y$ ; use  $x = 11$ , and  $y = 15$  **91**
- 48)  $(j(j + h)) \div 6$ ; use  $h = 3$ , and  $j = 9$  **18**
- 50)  $x + z + z + y$ ; use  $x = 14$ ,  $y = 12$ , and  $z = 2$  **30**
- 52)  $m^2 - (n + n)$ ; use  $m = 7$ , and  $n = 11$  **27**
- 54)  $x + y + x + y$ ; use  $x = 3$ , and  $y = 13$  **32**
- 56)  $k - h - (14 - j)$ ; use  $h = 11$ ,  $j = 12$ , and  $k = 15$  **2**
- 57)  $x(5y - x)$ ; use  $x = 12$ , and  $y = 3$  **36**
- 59)  $b - (a - 5)^2$ ; use  $a = 5$ , and  $b = 2$  **2**
- 61)  $n + nm - 7$ ; use  $m = 7$ , and  $n = 14$  **105**
- 63)  $p - p + m + p$ ; use  $m = 14$ , and  $p = 9$  **23**
- 65)  $y - (10 - x) + y$ ; use  $x = 3$ , and  $y = 10$  **13**
- 67)  $h(h - j \div 3)$ ; use  $h = 12$ , and  $j = 15$  **84**
- 69)  $h \times 14 \div 2 - j$ ; use  $h = 14$ , and  $j = 11$  **87**
- 71)  $4n - m \div 4$ ; use  $m = 8$ , and  $n = 2$  **6**
- 73)  $x \div 2(x - y)$ ; use  $x = 10$ , and  $y = 7$  **15**
- 75)  $q - (p - p)^2$ ; use  $p = 3$ , and  $q = 13$  **13**
- 77)  $j^2 + h \div 5$ ; use  $h = 5$ , and  $j = 3$  **10**
- 79)  $b - 6 + a - 2$ ; use  $a = 14$ , and  $b = 8$  **14**
- 81)  $p + m + p - p$ ; use  $m = 10$ , and  $p = 11$  **21**
- 2)  $y - (z - y) \div 5$ ; use  $y = 7$ , and  $z = 12$  **6**
- 4)  $b(b - a \div 3)$ ; use  $a = 15$ , and  $b = 13$  **104**
- 6)  $y + y^2 - x$ ; use  $x = 8$ , and  $y = 4$  **12**
- 8)  $m(m - q \div 6)$ ; use  $m = 10$ , and  $q = 12$  **80**
- 10)  $5 + y + x \div 6$ ; use  $x = 12$ , and  $y = 6$  **13**
- 12)  $y + y + x + 7$ ; use  $x = 15$ , and  $y = 10$  **42**
- 14)  $a - (a - (a - b))$ ; use  $a = 15$ , and  $b = 1$  **14**
- 16)  $y + y - x^3$ ; use  $x = 2$ , and  $y = 7$  **6**
- 18)  $y^2x^2$ ; use  $x = 4$ , and  $y = 3$  **144**
- 21)  $2(x - y + x)$ ; use  $x = 13$ , and  $y = 9$  **34**
- 23)  $x - y + x - y$ ; use  $x = 15$ , and  $y = 13$  **4**
- 25)  $2 + h + j^2$ ; use  $h = 2$ , and  $j = 3$  **13**
- 27)  $a - (a - b \div 4)$ ; use  $a = 9$ , and  $b = 4$  **1**
- 29)  $m - m(n - n)$ ; use  $m = 11$ , and  $n = 9$  **11**
- 31)  $x(x - (y - 6))$ ; use  $x = 7$ , and  $y = 11$  **14**
- 33)  $n(m - (n - n))$ ; use  $m = 13$ , and  $n = 5$  **65**
- 35)  $2 + y - (x - 9)$ ; use  $x = 11$ , and  $y = 12$  **12**
- 37)  $x - (x - y^2)$ ; use  $x = 9$ , and  $y = 1$  **1**
- 39)  $m^2(p + p)$ ; use  $m = 5$ , and  $p = 3$  **150**
- 41)  $5(n - (m - 13))$ ; use  $m = 14$ , and  $n = 8$  **35**
- 43)  $(q(8 - p)) \div 5$ ; use  $p = 1$ , and  $q = 5$  **7**
- 45)  $6 + x - (y - y)$ ; use  $x = 15$ , and  $y = 14$  **21**
- 47)  $mp + m + 11$ ; use  $m = 5$ , and  $p = 6$  **46**
- 49)  $2 + b + a + b$ ; use  $a = 5$ , and  $b = 15$  **37**
- 51)  $p^2(m + 4)$ ; use  $m = 7$ , and  $p = 2$  **44**
- 53)  $2 + x - (x - y)$ ; use  $x = 10$ , and  $y = 7$  **9**
- 55)  $q \times p \div 3 - p$ ; use  $p = 9$ , and  $q = 8$  **15**
- 58)  $(z + x + y) \div 3$ ; use  $x = 14$ ,  $y = 15$ , and  $z = 4$  **11**
- 60)  $y + x + y + x$ ; use  $x = 1$ , and  $y = 4$  **10**
- 62)  $m - m + p^2$ ; use  $m = 1$ , and  $p = 5$  **25**
- 64)  $r(q - p \div 2)$ ; use  $p = 10$ ,  $q = 10$ , and  $r = 9$  **45**
- 66)  $x(y + x \div 3)$ ; use  $x = 3$ , and  $y = 1$  **6**
- 68)  $b(14 + a - a)$ ; use  $a = 6$ , and  $b = 5$  **70**
- 70)  $15 + 11 + y - x$ ; use  $x = 8$ , and  $y = 3$  **21**
- 72)  $(p - 6)(m + p)$ ; use  $m = 1$ , and  $p = 8$  **18**
- 74)  $z + z + yz$ ; use  $y = 4$ , and  $z = 2$  **12**
- 76)  $x + x + y^2$ ; use  $x = 6$ , and  $y = 9$  **93**
- 78)  $y + x - 2 - y$ ; use  $x = 8$ , and  $y = 6$  **6**
- 80)  $8 - 5 + h - k$ ; use  $h = 8$ , and  $k = 6$  **5**
- 82)  $15p + q - q$ ; use  $p = 4$ , and  $q = 1$  **60**

- 83)  $y + x - x + 15$ ; use  $x = 10$ , and  $y = 10$  25
- 84)  $n - (m + 4) \div 5$ ; use  $m = 1$ , and  $n = 5$  4
- 85)  $11k - (k - h)$ ; use  $h = 6$ , and  $k = 7$  76
- 86)  $y + 50 + x$ ; use  $x = 12$ , and  $y = 7$  69
- 87)  $a + a - (b + b)$ ; use  $a = 15$ , and  $b = 11$  8
- 88)  $j \times h^2 \div 4$ ; use  $h = 8$ , and  $j = 2$  32
- 89)  $yx - 6 - y$ ; use  $x = 14$ , and  $y = 12$  150
- 90)  $x + 12 - y \div 3$ ; use  $x = 12$ , and  $y = 15$  19
- 91)  $8z - (x - x)$ ; use  $x = 1$ , and  $z = 12$  96
- 92)  $10 - (n - (m - m))$ ; use  $m = 2$ , and  $n = 8$  2
- 93)  $m - (p + p) \div 4$ ; use  $m = 10$ , and  $p = 14$  3
- 94)  $2 - (4 - (q - r))$ ; use  $q = 4$ , and  $r = 1$  1
- 95)  $y + (x - x) \div 6$ ; use  $x = 4$ , and  $y = 13$  13
- 96)  $x - (y + x - 7)$ ; use  $x = 12$ , and  $y = 3$  4
- 97)  $p + 6 + pq$ ; use  $p = 6$ , and  $q = 9$  66
- 98)  $x + x^2 + y$ ; use  $x = 6$ , and  $y = 9$  51
- 99)  $x - y \div 3 + y$ ; use  $x = 15$ , and  $y = 15$  25
- 100)  $(ab + a) \div 6$ ; use  $a = 8$ , and  $b = 14$  20
- 101)  $2x + x(z - z)$ ; use  $x = 12$ , and  $z = 16$  24
- 102)  $19 - (j - (6 - h \div 4))$ ; use  $h = 4$ , and  $j = 15$  9
- 103)  $4(n - 5(p - p))$ ; use  $n = 15$ , and  $p = 19$  60
- 104)  $p(p - m) - (20 + m)$ ; use  $m = 1$ , and  $p = 12$  111
- 105)  $z + z + 12 \times y \div 4$ ; use  $y = 16$ , and  $z = 9$  66
- 106)  $(17q - (p - 10)) \div 4$ ; use  $p = 18$ , and  $q = 12$  49
- 107)  $5x(y - y) + 4$ ; use  $x = 9$ , and  $y = 16$  4
- 108)  $x + 12 - 10 + x - y$ ; use  $x = 15$ , and  $y = 13$  19
- 109)  $20 - qp(q - q)$ ; use  $p = 15$ , and  $q = 17$  20
- 110)  $18 + a + b - 16$ ; use  $a = 4$ , and  $b = 17$  23
- 111)  $y \div 6(y - x) - 5$ ; use  $x = 6$ , and  $y = 12$  7
- 112)  $13 + j - (13 - j + h)$ ; use  $h = 12$ , and  $j = 13$  14
- 113)  $y + x + x - x + y$ ; use  $x = 12$ , and  $y = 9$  30
- 114)  $p + p + 19 - q + m$ ; use  $m = 9$ ,  $p = 10$ , and  $q = 7$  41
- 115)  $8(y - (x + y - y))$ ; use  $x = 10$ , and  $y = 14$  32
- 116)  $n + n - (m + m + m)$ ; use  $m = 1$ , and  $n = 13$  23
- 117)  $(16(m + n - m)) \div 4$ ; use  $m = 18$ , and  $n = 10$  40
- 118)  $p - (r - r) + 8 \div 4$ ; use  $p = 15$ , and  $r = 12$  17
- 119)  $zy - (z - x) - 11$ ; use  $x = 7$ ,  $y = 10$ , and  $z = 16$  140
- 120)  $h^2 + h - jh$ ; use  $h = 12$ , and  $j = 11$  24
- 121)  $b - 4a \div 4 - a$ ; use  $a = 4$ , and  $b = 15$  7
- 122)  $y \times 20 \div 4 - (x + y)$ ; use  $x = 4$ , and  $y = 11$  40
- 123)  $p + pm + m - m$ ; use  $m = 10$ , and  $p = 7$  77
- 124)  $20 - (m + 15) - 1 + n$ ; use  $m = 1$ , and  $n = 11$  14
- 125)  $16y - x - 3 \div 3$ ; use  $x = 18$ , and  $y = 12$  173
- 126)  $x + 20 - (y - 1^3)$ ; use  $x = 1$ , and  $y = 7$  15
- 127)  $x - (y \div 6 - y \div 6)$ ; use  $x = 7$ , and  $y = 12$  7
- 128)  $r(rp \div 4 + 10)$ ; use  $p = 16$ , and  $r = 4$  104
- 129)  $xy + y \times 12 \div 6$ ; use  $x = 15$ , and  $y = 8$  136
- 130)  $m - (m - (9 + n \div 4))$ ; use  $m = 18$ , and  $n = 8$  11
- 131)  $5x^2 - (y - y)$ ; use  $x = 4$ , and  $y = 8$  80
- 132)  $b^2 + b + b - a$ ; use  $a = 13$ , and  $b = 13$  182
- 133)  $z - 5 + y - x + z$ ; use  $x = 1$ ,  $y = 5$ , and  $z = 13$  25
- 134)  $6 + m^2 - (n - n)$ ; use  $m = 10$ , and  $n = 9$  106
- 135)  $p + p + 10m$ ; use  $m = 18$ , and  $p = 5$  190
- 136)  $8h + j^2 + j$ ; use  $h = 13$ , and  $j = 9$  194
- 137)  $5(yx - 13^2)$ ; use  $x = 19$ , and  $y = 9$  10
- 138)  $y + (y(x + y)) \div 2$ ; use  $x = 15$ , and  $y = 10$  135
- 139)  $12y - (y - 2 + x)$ ; use  $x = 16$ , and  $y = 6$  52
- 140)  $m + m - (n - (m - m))$ ; use  $m = 7$ , and  $n = 6$  8
- 141)  $20 + 18q - (p + p)$ ; use  $p = 4$ , and  $q = 10$  192
- 142)  $y + x + y^2 \div 3$ ; use  $x = 10$ , and  $y = 3$  16
- 143)  $(a + a - (a - b)) \div 6$ ; use  $a = 13$ , and  $b = 11$  4
- 144)  $c + 3 + b + b^2$ ; use  $b = 7$ , and  $c = 1$  60
- 145)  $14^2 - (x + 11y)$ ; use  $x = 7$ , and  $y = 7$  112
- 146)  $(j(10 - (8 - h))) \div 3$ ; use  $h = 1$ , and  $j = 7$  7
- 147)  $p + m - (9 + q) \div 2$ ; use  $m = 19$ ,  $p = 3$ , and  $q = 5$  15
- 148)  $q - (p + p(q - q))$ ; use  $p = 5$ , and  $q = 8$  3
- 149)  $(9 - (14 - m)) \div 2 + n$ ; use  $m = 7$ , and  $n = 4$  5
- 150)  $9 - x - (z - z) \div 6$ ; use  $x = 4$ , and  $z = 14$  5
- 151)  $8((x - 10) \div 3 + y)$ ; use  $x = 13$ , and  $y = 4$  40
- 152)  $x + y(x + 2) + x$ ; use  $x = 16$ , and  $y = 8$  176
- 153)  $20 - a + 14b + b$ ; use  $a = 1$ , and  $b = 8$  139
- 154)  $17 + b - (19 - a + b)$ ; use  $a = 19$ , and  $b = 5$  17
- 155)  $6 - (m - q)(p - p)$ ; use  $m = 19$ ,  $p = 1$ , and  $q = 17$  6

- 156)  $y + 7(y + z) + 7$ ; use  $y = 5$ , and  $z = 12$  **131**
- 157)  $h - (h(j - j)) \div 6$ ; use  $h = 2$ , and  $j = 5$  **2**
- 158)  $n + 20 - n - (m - m)$ ; use  $m = 16$ , and  $n = 1$  **20**
- 159)  $m(10 + p - (17 - p))$ ; use  $m = 16$ , and  $p = 6$  **80**
- 160)  $r - q \div 6 + p + r$ ; use  $p = 13$ ,  $q = 6$ , and  $r = 2$  **16**
- 161)  $x^2 - (6 - y)^2$ ; use  $x = 5$ , and  $y = 2$  **9**
- 162)  $y - x \times (y - y) \div 6$ ; use  $x = 10$ , and  $y = 1$  **1**
- 163)  $y(y^2 - x) - 14$ ; use  $x = 2$ , and  $y = 6$  **190**
- 164)  $h - j^2 - (j - j)$ ; use  $h = 10$ , and  $j = 2$  **6**
- 165)  $11 - (x - x - (y - 2))$ ; use  $x = 14$ , and  $y = 2$  **11**
- 166)  $p - 8 \div 4 + 14m$ ; use  $m = 8$ , and  $p = 19$  **129**
- 167)  $17 - (16 + b - a) - 2$ ; use  $a = 19$ , and  $b = 3$  **15**
- 168)  $z - (z - (y - x)) + x$ ; use  $x = 11$ ,  $y = 19$ , and  $z = 11$  **19**
- 169)  $x - (8 - y) - x \div 4$ ; use  $x = 8$ , and  $y = 3$  **1**
- 170)  $(m(n + n + n)) \div 6$ ; use  $m = 16$ , and  $n = 19$  **152**
- 171)  $p + (p - p + m) \div 5$ ; use  $m = 5$ , and  $p = 3$  **4**
- 172)  $x \div 2 + y^2x$ ; use  $x = 2$ , and  $y = 4$  **33**
- 173)  $(y - z)(z - x) - y$ ; use  $x = 2$ ,  $y = 20$ , and  $z = 9$  **57**
- 174)  $x + x \times (x + y) \div 5$ ; use  $x = 5$ , and  $y = 20$  **30**
- 175)  $h + h - h + j + j$ ; use  $h = 11$ , and  $j = 20$  **51**
- 176)  $(p - q \div 4)(1 + p)$ ; use  $p = 14$ , and  $q = 4$  **195**
- 177)  $(a + b)(b + b) - a$ ; use  $a = 20$ , and  $b = 1$  **22**
- 178)  $5y - y - (x + x)$ ; use  $x = 19$ , and  $y = 17$  **30**
- 179)  $j - ((k - k)^2 + 2)$ ; use  $j = 17$ , and  $k = 14$  **15**
- 180)  $n + m + 3 - (m - n)$ ; use  $m = 17$ , and  $n = 17$  **37**
- 181)  $m - m(p - m \div 5)$ ; use  $m = 5$ , and  $p = 1$  **5**
- 182)  $q + p^2 - p^2$ ; use  $p = 14$ , and  $q = 2$  **2**
- 183)  $11^2 + y - x \div 2$ ; use  $x = 14$ , and  $y = 18$  **132**
- 184)  $5(yz - (x + x))$ ; use  $x = 11$ ,  $y = 2$ , and  $z = 17$  **60**
- 185)  $(yx + 18 + x) \div 4$ ; use  $x = 2$ , and  $y = 18$  **14**
- 186)  $x + y - (y + y) \div 4$ ; use  $x = 20$ , and  $y = 14$  **27**
- 187)  $a + b + 8 \div 4 + a$ ; use  $a = 8$ , and  $b = 19$  **37**
- 188)  $2j - k - k \div 6$ ; use  $j = 15$ , and  $k = 6$  **23**
- 189)  $2(h + h) - j \div 6$ ; use  $h = 11$ , and  $j = 18$  **41**
- 190)  $p + 2 + m + 15 + m$ ; use  $m = 6$ , and  $p = 19$  **48**
- 191)  $(y + 17)(20 - (x + 2))$ ; use  $x = 14$ , and  $y = 15$  **128**
- 192)  $8(q - p \times q \div 4)$ ; use  $p = 3$ , and  $q = 20$  **40**
- 193)  $(y + (y + x)^2) \div 5$ ; use  $x = 11$ , and  $y = 16$  **149**
- 194)  $nm + m + m \div 5$ ; use  $m = 5$ , and  $n = 15$  **81**
- 195)  $x - x + y - 4 \div 4$ ; use  $x = 11$ , and  $y = 20$  **19**
- 196)  $(y + y^2 + x) \div 4$ ; use  $x = 8$ , and  $y = 12$  **41**
- 197)  $a^2 - 12 - (b - b)$ ; use  $a = 9$ , and  $b = 16$  **69**
- 198)  $z \div 2(x - z \div 2)$ ; use  $x = 17$ , and  $z = 10$  **60**
- 199)  $5(j + h) - (19 - h)$ ; use  $h = 17$ , and  $j = 13$  **148**
- 200)  $j - (j - (h - j) \div 4)$ ; use  $h = 20$ , and  $j = 16$  **1**
- 201)  $y + y - (y - x)$ ; use  $x = 3.3$ , and  $y = 8.2$  **11.5**
- 202)  $11 - (p - p) \div m$ ; use  $m = 7.5$ , and  $p = 4.6$  **11**
- 203)  $6y + x^2$ ; use  $x = 7.4$ , and  $y = 9.1$  **109.36**
- 204)  $q + 13 + p - 6$ ; use  $p = 3.1$ , and  $q = 12.713$  **22.813**
- 205)  $m^2(p - 7)$ ; use  $m = 3.2$ , and  $p = 12.6$  **57.344**
- 206)  $(x - y) \div x + 15$ ; use  $x = 7.4$ , and  $y = 2.639$  **15.6433783784**
- 207)  $q \div (r - r + r)$ ; use  $q = 12.1$ , and  $r = 5.3$  **2.28301208793**
- 208)  $9 - 10 + y - x$ ; use  $x = 11.5$ , and  $y = 14.3$  **7.1**
- 209)  $y \times x \div 3y$ ; use  $x = 11.381$ , and  $y = 10.4$  **3.7936210567**
- 210)  $(b - a)(b + a)$ ; use  $a = 7.2$ , and  $b = 10.9$  **66.97**
- 211)  $y + (x \div x)^2$ ; use  $x = 7.2$ , and  $y = 9.19$  **10.19**
- 212)  $h \div j + 12 - h$ ; use  $h = 11.5$ , and  $j = 13$  **1.38461538462**
- 213)  $qm \times q \div 2$ ; use  $m = 7.1$ , and  $q = 5.26$  **98.21998**
- 214)  $n - m(n - n)$ ; use  $m = 11.4$ , and  $n = 11.359$  **11.359**
- 215)  $x \div y(x + y)$ ; use  $x = 11.3$ , and  $y = 1.9$  **78.50526216799**
- 216)  $9 \times r \div (q + r)$ ; use  $q = 4.1$ , and  $r = 8$  **5.95041322314**
- 217)  $x \times (y + 7) \div y$ ; use  $x = 7$ , and  $y = 2.8$  **24.5**
- 218)  $y^2(2 - x)$ ; use  $x = 1.29$ , and  $y = 5.4$  **20.7036**
- 219)  $h + 2 + h + j$ ; use  $h = 11.76$ , and  $j = 1.1$  **26.62**
- 220)  $ab + b \div 4$ ; use  $a = 11.1$ , and  $b = 10.005$  **113.55675**
- 221)  $p - (q + q) \div p$ ; use  $p = 11.2$ , and  $q = 5$  **10.3071228571**
- 222)  $5(n + n) - m$ ; use  $m = 1.2$ , and  $n = 4.6$  **41.12**
- 223)  $(y - (x - x)) \div y$ ; use  $x = 11.1$ , and  $y = 2.4$  **1**
- 224)  $(z - 1 + x) \div z$ ; use  $x = 1.1$ , and  $z = 12.9$  **1.00775193798**
- 225)  $(m - (m - m)) \div p$ ; use  $m = 11$ , and  $p = 6.7$  **1.64126104478**
- 226)  $8(y - x) \div 1$ ; use  $x = 1$ , and  $y = 10.13$  **1**
- 227)  $q^2 - 11 - p$ ; use  $p = 1$ , and  $q = 6.3$  **27.69**
- 228)  $m^3 \times 3 \div n$ ; use  $m = 2.27$ , and  $n = 13.1$  **2.67872129771**
- 229)  $x - (x + 8) \div y$ ; use  $x = 10.9$ , and  $y = 8.65$  **8.71528096173**
- 230)  $7y - (x - 2)$ ; use  $x = 5.2$ , and  $y = 8.5$  **13.8**
- 231)  $(b + c) \div a + c$ ; use  $a = 12.25$ ,  $b = 11$ , and  $c = 8.58$  **10.1783673469**
- 232)  $j + h + 7j$ ; use  $h = 5.1$ , and  $j = 7.2$  **62.7**
- 233)  $m^2 + 8 \div n$ ; use  $m = 5.1$ , and  $n = 13.36$  **26.6088023952**
- 234)  $p \times 3 \div (m + p)$ ; use  $m = 14.9$ , and  $p = 10.6$  **1.24705882353**

- 235)  $y(y - 5 + x)$ ; use  $x = 4.9$ , and  $y = 8.9$  **78.32**
- 236)  $z - (y + x) \div z$ ; use  $x = 9.1$ ,  $y = 9.8$ , and  $z = 9.9$  **7.99090909091**
- 237)  $p - q \div 9^2$ ; use  $p = 4.9$ , and  $q = 13.2$  **4.73703703704**
- 238)  $(m - n) \div n + m$ ; use  $m = 14.8$ , and  $n = 12.4$  **14.9935483871**
- 239)  $y^2 + x - y$ ; use  $x = 14.7$ , and  $y = 11.1$  **126.81** 240)  $n \div 13 \times m \div n$ ; use  $m = 9$ , and  $n = 12.8$  **0.692307692308**
- 241)  $a \div (b + b - a)$ ; use  $a = 4.8$ , and  $b = 13.83$  **0.209973753281** 242)  $y \div z \times y^2$ ; use  $y = 10.7$ , and  $z = 13.1$  **93.5147328244**
- 243)  $12 + h^2 - j$ ; use  $h = 9$ , and  $j = 11.06$  **81.94** 244)  $12x + 2 \div y$ ; use  $x = 8.9$ , and  $y = 11.5$  **106.973913043**
- 245)  $n \div m(n - 7)$ ; use  $m = 4.6$ , and  $n = 13.7$  **19.9543478261**
- 246)  $z^2 - y \div x$ ; use  $x = 8.8$ ,  $y = 6.809$ , and  $z = 4.6$  **20.38625**
- 247)  $m \div (p + 1 + p)$ ; use  $m = 4.7$ , and  $p = 15$  **0.151612903226**
- 248)  $(p + q) \div (p - 4)$ ; use  $p = 8.8$ , and  $q = 11.53$  **4.23541666667**
- 249)  $x \div (x + 11 + y)$ ; use  $x = 4.5$ , and  $y = 10.736$  **0.171520048788**
- 250)  $7a \div 6c$ ; use  $a = 7.26$ , and  $c = 9.5$  **0.8915789473265** 251)  $z - z(x - x)$ ; use  $x = 13$ , and  $z = 6.23$  **6.23**
- 252)  $hk^2 \div j$ ; use  $h = 12.9$ ,  $j = 1.3$ , and  $k = 3.8$  **143.28530769** 253)  $x(y + y) \div x$ ; use  $x = 8.6$ , and  $y = 3.5$  **7**
- 254)  $q \times m \div 12 + m$ ; use  $m = 8.6$ , and  $q = 8.9$  **14.97833333333**
- 255)  $y + y - (x + x)$ ; use  $x = 12.8$ , and  $y = 14.76$  **3.92**
- 256)  $(a - (13 - a)) \div b$ ; use  $a = 12.8$ , and  $b = 5.7$  **2.21057631579** 257)  $(n + m - m) \div 4$ ; use  $m = 8.5$ , and  $n = 12$  **3**
- 258)  $(14(y + x)) \div x$ ; use  $x = 8.4$ , and  $y = 5.2$  **22.66666666667** 259)  $28 \div (p + q)$ ; use  $p = 12.6$ , and  $q = 7.4$  **1.4**
- 260)  $y + x \div 10 - y$ ; use  $x = 2.8$ , and  $y = 4$  **0.28** 261)  $12 - (5 - x \div y)$ ; use  $x = 11.26$ , and  $y = 3$  **10.75333333333**
- 262)  $x - 1^3 \div y$ ; use  $x = 12.5$ , and  $y = 1.22$  **11.6803226689** 263)  $(bb^2) \div a$ ; use  $a = 12.6$ , and  $b = 12.2$  **144.114920635**
- 264)  $(j - (h - h)) \div 6$ ; use  $h = 1.77$ , and  $j = 14.9$  **2.4826533152** 265)  $3(15a - c) \div c$ ; use  $a = 4.683$ , and  $c = 6$  **10.7075**
- 266)  $pq - (m - m)$ ; use  $m = 12.4$ ,  $p = 9.1$ , and  $q = 7.2$  **65.52**
- 267)  $y \times x \div (y + y)$ ; use  $x = 2.6$ , and  $y = 11.3$  **1.3**
- 268)  $m + q + p \div m$ ; use  $m = 2.5$ ,  $p = 10$ , and  $q = 10.4$  **16.9**
- 269)  $n \div m(8 + m)$ ; use  $m = 12.4$ , and  $n = 7.9$  **12.99672740935** 270)  $35 \div q(7 - 4)$ ; use  $p = 2.4$ , and  $q = 2.746$  **2.62199563001**
- 271)  $(z^2 + y) \div 2$ ; use  $y = 1.69$ , and  $z = 7$  **25.345** 272)  $x^2 - (y + 15)$ ; use  $x = 5.78$ , and  $y = 14.2$  **4.2084**
- 273)  $j^2 + h^2$ ; use  $h = 6.6$ , and  $j = 9.6$  **135.72** 274)  $3y + y - z$ ; use  $y = 11.8$ , and  $z = 2.5$  **44.7**
- 275)  $9 \div x + y + y$ ; use  $x = 6.5$ , and  $y = 13.13$  **27.6442763846** 276)  $a \div (13 + a)$ ; use  $a = 2.4$ , and  $b = 13$  **12.8441558442**
- 277)  $m \div m + n - n$ ; use  $m = 2.2$ , and  $n = 1.392$  **1** 278)  $x - x + y + y$ ; use  $x = 2.1$ , and  $y = 13.5$  **27**
- 279)  $p + p \div q - p$ ; use  $p = 6.3$ , and  $q = 1.6$  **3.9375** 280)  $(y + x^2) \div x$ ; use  $x = 6.3$ , and  $y = 14.4$  **8.58571428571**
- 281)  $xy - y + x$ ; use  $x = 2$ , and  $y = 3.7$  **5.7** 282)  $p + pm + 4$ ; use  $m = 6.4$ , and  $p = 2.16$  **19.984**
- 283)  $9h - (j + 12)$ ; use  $h = 10.5$ , and  $j = 2.36$  **80.14**
- 284)  $11b - (a + c)$ ; use  $a = 10.4$ ,  $b = 4.804$ , and  $c = 6.8$  **35.644**
- 285)  $(j(j + h)) \div j$ ; use  $h = 6.1$ , and  $j = 3.3$  **9.4** 286)  $x \div (x - (y - 9))$ ; use  $x = 6.2$ , and  $y = 13.6$  **3.875**
- 287)  $n \div n - m \div 9$ ; use  $m = 1.31$ , and  $n = 11.2$  **0.854288144444** 288)  $(x + x) \div y + x$ ; use  $x = 10.3$ , and  $y = 5.5$  **14.045454545**
- 289)  $y \div x(y + y)$ ; use  $x = 14.8$ , and  $y = 7$  **6.62162162162** 290)  $x + 13 + yx$ ; use  $x = 5.9$ , and  $y = 14.07$  **101.913**
- 291)  $p - (14 - p) \div q$ ; use  $p = 10.2$ , and  $q = 2.82$  **8.8524822695**
- 292)  $(h - (h - j)) \div h$ ; use  $h = 14.4$ , and  $j = 3.8$  **0.263888888889**
- 293)  $x \div (x + y) + 1$ ; use  $x = 10.1$ , and  $y = 11.31$  **1.47174217655**
- 294)  $y + y + y + x$ ; use  $x = 7.044$ , and  $y = 4.8$  **21.444295** 295)  $ba + 8 \div b$ ; use  $a = 14.3$ , and  $b = 8.1$  **116.817654321**
- 296)  $m + 4 - n + n$ ; use  $m = 9.9$ , and  $n = 3.29$  **13.9** 297)  $x \div 2y^2$ ; use  $x = 14.2$ , and  $y = 4.316$  **0.381149607341**
- 298)  $j + j + 8 - h$ ; use  $h = 10$ , and  $j = 4.6$  **7.2**
- 299)  $p + m \div (m - p)$ ; use  $m = 10.29$ , and  $p = 8.3$  **13.4708542714**
- 300)  $x - y + y^3$ ; use  $x = 9.9$ , and  $y = 2.096$  **17.012180936** 301)  $8(x - y) + x \div y$ ; use  $x = 5.8$ , and  $y = 2.5$  **28.72**
- 302)  $(x + x - x)(y + x)$ ; use  $x = 5.2$ , and  $y = 10.9$  **83.72**
- 303)  $h + j + 15 - (j - 3)$ ; use  $h = 4.6$ , and  $j = 11$  **22.6**
- 304)  $3(12 - q + p - q)$ ; use  $p = 19.36$ , and  $q = 1.4$  **85.68**
- 305)  $(y(y - z)) \div (y + z)$ ; use  $y = 16.963$ , and  $z = 13.7$  **1.80511590516**



- 306)  $(b + b) \div (a - (c - 5))$ ; use  $a = 14.2$ ,  $b = 9.8$ , and  $c = 7.4$  1.66101694915
- 307)  $7 + j \div h + 5j$ ; use  $h = 5.2$ , and  $j = 11.05$  64.375
- 308)  $10 \div (p(m - n)) + m$ ; use  $m = 14.7$ ,  $n = 9$ , and  $p = 9.5$  14.8846722068
- 309)  $12 - (x - (y - y)) \div 15$ ; use  $x = 4.6$ , and  $y = 19.6$  11.6933333333
- 310)  $p(m - (m - p)) - m$ ; use  $m = 14.2$ , and  $p = 9$  66.8
- 311)  $(y - (x - (y - y))) \div x$ ; use  $x = 5.2$ , and  $y = 9.1$  0.75
- 312)  $p + q - (q \div q)^3$ ; use  $p = 4.6$ , and  $q = 17.6$  21.2
- 313)  $x^2 \div (16 - (y - 11))$ ; use  $x = 14.1$ , and  $y = 15.27$  16.9488491049
- 314)  $1 + y - (z - (z - z))$ ; use  $y = 15.609$ , and  $z = 2.1$  14.509
- 315)  $x \div yz(1 + 12)$ ; use  $x = 4.6$ ,  $y = 7.1$ , and  $z = 18.58$  0.453311905881
- 316)  $(p + q) \div q - 16 \div p$ ; use  $p = 13.5$ , and  $q = 16.52$  0.632006098108
- 317)  $a(a + b + a^2)$ ; use  $a = 4$ , and  $b = 7.1$  108.4
- 318)  $y + y + z - (x + x)$ ; use  $x = 13.5$ ,  $y = 15.7$ , and  $z = 17.1$  21.5
- 319)  $6 - (j - (h - j)) \div h$ ; use  $h = 14.1$ , and  $j = 7.2$  5.97872340426
- 320)  $6n + 20 - (m - m)$ ; use  $m = 4.5$ , and  $n = 18.24$  129.44
- 321)  $p \div 19 + m \times 4 \div 5$ ; use  $m = 15.395$ , and  $p = 8.6$  12.7686315789
- 322)  $x((y + x) \div x + y)$ ; use  $x = 14.1$ , and  $y = 1.73$  40.223
- 323)  $19q - p(q - q)$ ; use  $p = 13.5$ , and  $q = 5.2$  98.8
- 324)  $p \times 17 \div (q - p + q)$ ; use  $p = 3.3$ , and  $q = 13.8$  2.30864197531
- 325)  $y - z + y - z \div y$ ; use  $y = 13.7$ , and  $z = 12.7$  13.7729927007
- 326)  $b \div (5a - (10 + b))$ ; use  $a = 19.998$ , and  $b = 15.3$  0.204846699692
- 327)  $10 - y \div (x - (x - x))$ ; use  $x = 13.4$ , and  $y = 13.8$  8.97014925373
- 328)  $(hj - h) \div (9 - 1)$ ; use  $h = 3.9$ , and  $j = 12.901$  5.8017375
- 329)  $z - y \times y \div 11^3$ ; use  $y = 16.828$ , and  $z = 13.1$  12.8872414846
- 330)  $nm(m - m) + n$ ; use  $m = 13.4$ , and  $n = 11.8$  11.8
- 331)  $m - 5 - m \div (m + p)$ ; use  $m = 12.8$ , and  $p = 11.8$  7.27967479675
- 332)  $nm \times n \div 5n$ ; use  $m = 3.3$ , and  $n = 11.9$  7.854
- 333)  $x \div (y^2 + 4 + x)$ ; use  $x = 8.89$ , and  $y = 2.9$  0.4173708920
- 334)  $yx \div (y - (x - 3))$ ; use  $x = 7.38$ , and  $y = 11.4$  11.9846153846
- 335)  $p + p + q + q - 15$ ; use  $p = 12.2$ , and  $q = 11.42$  32.24
- 336)  $x^2 + y + y - y$ ; use  $x = 12.8$ , and  $y = 10.17$  174.01
- 337)  $x + y - 6 - (x - x)$ ; use  $x = 12.2$ , and  $y = 18.4$  24.6
- 338)  $h \times j \div (h + h) + 9$ ; use  $h = 15.4$ , and  $j = 18.1$  18.05
- 339)  $x(2y - x) + x$ ; use  $x = 3.2$ , and  $y = 9.9$  56.32
- 340)  $12 \times b \div ca - a$ ; use  $a = 2.6$ ,  $b = 9.9$ , and  $c = 13.1$  0.88796241926
- 341)  $(m + n)^2 \div (n - p)$ ; use  $m = 3.2$ ,  $n = 18.5$ , and  $p = 10.9$  61.9592105263
- 342)  $13m^2 \div (p + m)$ ; use  $m = 2.6$ , and  $p = 18.5$  4.1643990995
- 343)  $np + n$ ; use  $n = 10.192$ , and  $p = 6.8$  96.4896
- 344)  $18 - (y - x \div x) + x$ ; use  $x = 12.7$ , and  $y = 15.64$  16.06
- 345)  $y - y \div (z^2)^3$ ; use  $y = 8$ , and  $z = 14.4$  7.99999910275
- 346)  $(p(q + p + p)) \div p$ ; use  $p = 2$ , and  $q = 16.5$  20.5
- 347)  $(20 - x)^2 \div (y + x)$ ; use  $x = 2.6$ , and  $y = 16.5$  15.8513089005
- 348)  $(20 + a - (a + 9)) \div b$ ; use  $a = 11.5$ , and  $b = 5.9$  1.86440677966
- 349)  $x^3 + 17 + x \div z$ ; use  $x = 2$ , and  $z = 12.1$  25.165285056
- 350)  $(jh^3) \div (j - h)$ ; use  $h = 2.6$ , and  $j = 5.36$  16.5571014493
- 351)  $y - x - 14 \div z + x$ ; use  $x = 12.1$ ,  $y = 16.6$ , and  $z = 16.61$  15.7571342565
- 352)  $2 \div p + pm + 4$ ; use  $m = 11.5$ , and  $p = 14.6$  172.036986301
- 353)  $m \div 16 - (n \div m)^2$ ; use  $m = 12.1$ , and  $n = 6.1$  0.502100693259
- 354)  $p - n \div (p(p + m))$ ; use  $m = 1.9$ ,  $n = 14.7$ , and  $p = 2.8$  1.6829787234
- 355)  $y^2x - x \div y$ ; use  $x = 12.1$ , and  $y = 4$  190.575
- 356)  $yz \div (y - z) + z$ ; use  $y = 4.1$ , and  $z = 3.4$  23.3142857143
- 357)  $b + a \div 18 + a + a$ ; use  $a = 1.3$ , and  $b = 12.7$  15.3722222222

- 358)  $y - (14 - y) + 5x$ ; use  $x = 7.91$ , and  $y = 8.4$  42.35
- 359)  $(x + 19) \div (y - (y - y))$ ; use  $x = 10.9$ , and  $y = 2.1$  14.2380952381
- 360)  $(j - h - (j - j)) \div j$ ; use  $h = 9.41$ , and  $j = 10.7$  0.120560747664
- 361)  $b^2 + 18(a + a)$ ; use  $a = 1.9$ , and  $b = 2.1$  72.81
- 362)  $(p + m)(p^2 + m)$ ; use  $m = 1.3$ , and  $p = 2.2$  21.49
- 363)  $q - q \div p - p \div q$ ; use  $p = 10.9$ , and  $q = 10.83$  8.82995849111
- 364)  $zy - y - z \div 17$ ; use  $y = 10.7$ , and  $z = 10.4$  99.9682352941
- 365)  $13y \div (17 - x^3)$ ; use  $x = 1.8$ , and  $y = 10.8$  12.571633237
- 366)  $8 \div (11 - (n - p) + n)$ ; use  $n = 6.8$ , and  $p = 5.8$  0.47619047619
- 367)  $(p^2 + p + p) \div q$ ; use  $p = 19.8$ , and  $q = 19.3$  22.3647668394
- 368)  $12 - (b - a) + b + a$ ; use  $a = 10.2$ , and  $b = 19.4$  32.4
- 369)  $(j + j) \div (h + j^2)$ ; use  $h = 1.2$ , and  $j = 8.8$  0.223804679552
- 370)  $y + y - x \div (y - x)$ ; use  $x = 10.8$ , and  $y = 19.3$  37.3294117647
- 371)  $z - x^2 - (2 + x)$ ; use  $x = 1.3$ , and  $z = 16.6$  11.61
- 372)  $b \times (b + a) \div 13a$ ; use  $a = 10.8$ , and  $b = 2.75$  0.265402421652
- 373)  $p - m - 1 \div m + m$ ; use  $m = 10.2$ , and  $p = 17.3$  17.2019607843
- 374)  $m + n + 3 - m - m$ ; use  $m = 19.7$ , and  $n = 17.5$  0.8
- 375)  $9 + yx - (x - y)$ ; use  $x = 10.2$ , and  $y = 6.9$  76.08
- 376)  $12 + m + m - p - m$ ; use  $m = 10.7$ , and  $p = 6.8$  15.9
- 377)  $p - q \div p \times p \div 17$ ; use  $p = 9.6$ , and  $q = 6.9$  9.6 - 0.405882352941
- 378)  $2^2 + a + b \div a$ ; use  $a = 19.1$ , and  $b = 15.4$  23.9063897215
- 379)  $215^2 + y \div x + x$ ; use  $x = 1.2$ , and  $y = 17.4$  136.7
- 380)  $h \div j(13 + hj)$ ; use  $h = 10.1$ , and  $j = 15.5$  110.480967742
- 381)  $p(19 - p) - (m - 9)$ ; use  $m = 19.1$ , and  $p = 5$  59.9
- 382)  $p + 7^2 \div (p + m)$ ; use  $m = 9.5$ , and  $p = 12.6$  14.8171945701
- 383)  $12 - x + x \div yx$ ; use  $x = 10.1$ , and  $y = 5$  2.1
- 384)  $p(m + p^2) + p$ ; use  $m = 19.6$ , and  $p = 4.054$  150.139549464
- 385)  $7x \times (x - y) \div x$ ; use  $x = 19$ , and  $y = 13.6$  37.8
- 386)  $a + b - ab \div 15$ ; use  $a = 19.7$ , and  $b = 4.9$  18.164666666
- 387)  $x + y + y - y + y$ ; use  $x = 9.5$ , and  $y = 3$  15.5
- 388)  $p - q - (q + p \div 19)$ ; use  $p = 18.5$ , and  $q = 3$  11.5263157895
- 389)  $x + y + 8y^2$ ; use  $x = 16.45$ , and  $y = 3.8$  135.77
- 390)  $b + b - (b - (a + 2))$ ; use  $a = 9.4$ , and  $b = 16.66$  28.06
- 391)  $k + j + h - k - j$ ; use  $h = 19$ ,  $j = 11.5$ , and  $k = 8.3$  19
- 392)  $(7 - y) \div x - y \div 17$ ; use  $x = 19$ , and  $y = 1.1$  0.245820433437
- 393)  $m \times 9 \div n + n + n$ ; use  $m = 18.4$ , and  $n = 1.1$  152.745454545
- 394)  $p \times m \div (m + 9 + p)$ ; use  $m = 7.148$ , and  $p = 2.1$  0.822599736957
- 395)  $h^2 - j + 15 + j$ ; use  $h = 8.9$ , and  $j = 1$  94.21
- 396)  $xy \div (x(y + x))$ ; use  $x = 8.8$ , and  $y = 9.6$  0.521739130435
- 397)  $p - (18 - (1 + 6 + q))$ ; use  $p = 8.2$ , and  $q = 9.7$  6.9
- 398)  $k + h + h + k - 14$ ; use  $h = 16.46$ , and  $k = 15.8$  50.52
- 399)  $x + y + 1 + 18 - y$ ; use  $x = 18.4$ , and  $y = 18.1$  37.4
- 400)  $(b^2(a - b)) \div b$ ; use  $a = 11.751$ , and  $b = 8.8$  25.9688
- 401)  $(x + x) \div (6 + z)$ ; use  $x = 5\frac{1}{2}$ , and  $z = 1\frac{2}{3}$   $1\frac{10}{23}$
- 402)  $m^2(m + n)$ ; use  $m = \frac{1}{5}$ , and  $n = 7\frac{2}{15}$   $\frac{22}{75}$
- 403)  $h \div (j^2 - h)$ ; use  $h = \frac{3}{2}$ , and  $j = 3\frac{1}{3}$   $\frac{27}{173}$
- 404)  $x + x + y + 11$ ; use  $x = 2\frac{1}{5}$ , and  $y = \frac{2}{3}$   $16\frac{1}{15}$
- 405)  $p + r + \frac{4}{r}$ ; use  $p = 4\frac{2}{9}$ , and  $r = 14$   $18\frac{32}{63}$
- 406)  $(x - y) \div 12y$ ; use  $x = 4\frac{7}{12}$ , and  $y = 2$   $\frac{31}{288}$
- 407)  $p + 7 + 9 + q$ ; use  $p = 1\frac{6}{13}$ , and  $q = 1$   $18\frac{6}{13}$
- 408)  $y - y + 9 - x$ ; use  $x = \frac{26}{15}$ , and  $y = 7\frac{1}{2}$   $7\frac{4}{15}$
- 409)  $y + 11 - 3 - x$ ; use  $x = 2\frac{1}{2}$ , and  $y = 7$   $12\frac{1}{2}$

- 410)  $h + j + j + 10$ ; use  $h = 3\frac{2}{9}$ , and  $j = \frac{7}{15}$   $14\frac{7}{45}$  411)  $j \times (h - j) \div h$ ; use  $h = 6\frac{7}{13}$ , and  $j = 4\frac{1}{6}$   $1\frac{313}{612}$
- 412)  $(y(12 - y)) \div z$ ; use  $y = 7\frac{9}{10}$ , and  $z = \frac{18}{11}$   $19\frac{1429}{1800}$  413)  $a + b \div a^2$ ; use  $a = \frac{2}{5}$ , and  $b = \frac{5}{4}$   $8\frac{17}{80}$
- 414)  $p + 44q$ ; use  $p = 5\frac{8}{13}$ , and  $q = 2\frac{3}{11}$   $105\frac{8}{13}$  415)  $(4 + m)(12 - n)$ ; use  $m = 6\frac{8}{9}$ , and  $n = \frac{1}{4}$   $127\frac{17}{18}$
- 416)  $p - (m^2)^2$ ; use  $m = \frac{10}{13}$ , and  $p = \frac{10}{7}$   $1\frac{15683}{199927}$  417)  $z - y^2 \div x$ ; use  $x = \frac{1}{2}$ ,  $y = \frac{1}{6}$ , and  $z = \frac{6}{7}$   $\frac{101}{126}$
- 418)  $q \div (6p)^2$ ; use  $p = \frac{1}{9}$ , and  $q = 7\frac{4}{9}$   $16\frac{3}{4}$  419)  $\frac{y}{x}(y + x)$ ; use  $x = 7\frac{5}{6}$ , and  $y = 4\frac{1}{15}$   $6\frac{209}{1175}$
- 420)  $y - (x - x) - x$ ; use  $x = \frac{2}{3}$ , and  $y = 10\frac{2}{11}$   $9\frac{17}{33}$  421)  $x + yx - y$ ; use  $x = 2\frac{2}{7}$ , and  $y = \frac{7}{11}$   $3\frac{8}{77}$
- 422)  $(m + m + 4) \div n$ ; use  $m = 2$ , and  $n = \frac{2}{3}$   $12$  423)  $h + 11(j + 6)$ ; use  $h = 1$ , and  $j = 5\frac{2}{5}$   $126\frac{2}{5}$
- 424)  $a - b(c - c)$ ; use  $a = 7\frac{3}{10}$ ,  $b = 3\frac{1}{9}$ , and  $c = \frac{1}{2}$   $7\frac{3}{10}$
- 425)  $q \times q \div (15 + p)$ ; use  $p = 5\frac{2}{9}$ , and  $q = 7\frac{2}{3}$   $2\frac{165}{182}$  426)  $\frac{8xy}{x}$ ; use  $x = \frac{1}{6}$ , and  $y = \frac{1}{14}$   $\frac{4}{7}$
- 427)  $5 + p - q^2$ ; use  $p = 1$ , and  $q = \frac{8}{13}$   $5\frac{105}{169}$  428)  $\frac{13}{8z} - y$ ; use  $y = 4\frac{8}{11}$ , and  $z = \frac{4}{13}$   $\frac{195}{352}$
- 429)  $x^2(y + y)$ ; use  $x = \frac{1}{10}$ , and  $y = 5\frac{3}{4}$   $\frac{23}{200}$  430)  $r \div (p + 1 - 2)$ ; use  $p = 2\frac{9}{14}$ , and  $r = 3\frac{1}{10}$   $1\frac{102}{115}$
- 431)  $m \div (m + 6) + n$ ; use  $m = 4\frac{3}{4}$ , and  $n = 5\frac{3}{4}$   $6\frac{33}{172}$  432)  $(x + x) \div x - y$ ; use  $x = \frac{12}{7}$ , and  $y = \frac{7}{4}$   $\frac{1}{4}$
- 433)  $j \div (h(j + h))$ ; use  $h = \frac{3}{4}$ , and  $j = 2\frac{6}{13}$   $1\frac{11}{501}$  434)  $10 + y + x^2$ ; use  $x = \frac{10}{11}$ , and  $y = 3$   $13\frac{100}{121}$
- 435)  $(q + p) \div (5 + p)$ ; use  $p = 2$ , and  $q = 4\frac{4}{7}$   $\frac{46}{49}$  436)  $a - b - (a - a)$ ; use  $a = 6\frac{11}{14}$ , and  $b = 1\frac{2}{3}$   $5\frac{5}{42}$
- 437)  $\frac{3p^2}{m}$ ; use  $m = \frac{11}{8}$ , and  $p = 6\frac{5}{9}$   $93\frac{227}{297}$  438)  $7x + x - y$ ; use  $x = 11$ , and  $y = 1$   $87$
- 439)  $y(z - (y - y))$ ; use  $y = \frac{3}{4}$ , and  $z = 2$   $1\frac{1}{2}$  440)  $\frac{p}{p} + p - q$ ; use  $p = 2$ , and  $q = \frac{15}{11}$   $1\frac{7}{11}$
- 441)  $\frac{j}{h} + h + 4$ ; use  $h = 2$ , and  $j = 1$   $6\frac{1}{2}$  442)  $y\left(\frac{y}{x} + x\right)$ ; use  $x = 6\frac{4}{11}$ , and  $y = 11$   $89\frac{1}{70}$
- 443)  $a \times b \div (a + b)$ ; use  $a = 4\frac{1}{5}$ , and  $b = \frac{19}{10}$   $1\frac{94}{305}$  444)  $(n(5 + m)) \div 1$ ; use  $m = \frac{17}{9}$ , and  $n = 4\frac{1}{5}$   $28\frac{14}{15}$
- 445)  $y - (x - (3 - x))$ ; use  $x = 2$ , and  $y = 6\frac{1}{2}$   $5\frac{1}{2}$  446)  $(m + 7)(13 + p)$ ; use  $m = \frac{6}{5}$ , and  $p = 2$   $123$
- 447)  $y^3 - x$ ; use  $x = 1\frac{1}{2}$ , and  $y = 2$   $6\frac{1}{2}$  448)  $(m + p)^2 \div m$ ; use  $m = 7\frac{11}{12}$ , and  $p = \frac{16}{9}$   $11\frac{8941}{10260}$
- 449)  $rp(q + 2)$ ; use  $p = 2\frac{4}{9}$ ,  $q = \frac{12}{7}$ , and  $r = 3\frac{5}{8}$   $32\frac{115}{126}$  450)  $a + a - c + 11$ ; use  $a = 7\frac{1}{9}$ , and  $c = 1\frac{2}{3}$   $23\frac{5}{9}$
- 451)  $\frac{9}{x}(x - y)$ ; use  $x = 14$ , and  $y = \frac{17}{14}$   $8\frac{43}{196}$
- 452)  $k^2 - j + h$ ; use  $h = 7\frac{1}{12}$ ,  $j = \frac{1}{4}$ , and  $k = 5\frac{7}{12}$   $38\frac{1}{144}$

- 453)  $y^2 - (14 + x)$ ; use  $x = \frac{6}{5}$ , and  $y = 6\frac{5}{6}$   $31\frac{89}{180}$
- 454)  $6(z + x + 1)$ ; use  $x = 1$ , and  $z = 5\frac{2}{3}$   $46$
- 455)  $12p + mp$ ; use  $m = 2\frac{5}{13}$ , and  $p = \frac{1}{3}$   $4\frac{31}{39}$
- 456)  $\frac{p}{8} + p + m$ ; use  $m = 2$ , and  $p = 7\frac{10}{11}$   $10\frac{79}{88}$
- 457)  $p - (p + q - p)$ ; use  $p = 13$ , and  $q = 6\frac{4}{9}$   $6\frac{5}{9}$
- 458)  $8 \times (8 + x) \div y$ ; use  $x = 6\frac{3}{10}$ , and  $y = \frac{5}{4}$   $91\frac{13}{25}$
- 459)  $h(h + j + j)$ ; use  $h = 6\frac{2}{3}$ , and  $j = 1$   $57\frac{7}{9}$
- 460)  $x(y - y) + x$ ; use  $x = 7\frac{5}{6}$ , and  $y = 2\frac{2}{7}$   $7\frac{5}{6}$
- 461)  $c - a \div 10^2$ ; use  $a = \frac{11}{7}$ , and  $c = 6\frac{5}{14}$   $6\frac{239}{700}$
- 462)  $x(3 + y)^2$ ; use  $x = 2\frac{1}{2}$ , and  $y = 1\frac{1}{12}$   $41\frac{197}{288}$
- 463)  $b(a + b^2)$ ; use  $a = \frac{5}{4}$ , and  $b = 5\frac{1}{6}$   $144\frac{41}{108}$
- 464)  $p + p - \frac{m}{m}$ ; use  $m = 5\frac{4}{7}$ , and  $p = 4\frac{3}{10}$   $7\frac{3}{5}$
- 465)  $(z + 1) \div 6 + x$ ; use  $x = 7\frac{3}{10}$ , and  $z = 2\frac{1}{5}$   $7\frac{5}{6}$
- 466)  $y - x - (y - y)$ ; use  $x = 2$ , and  $y = 4\frac{11}{15}$   $2\frac{11}{15}$
- 467)  $n^2 \times \frac{m}{n}$ ; use  $m = 6\frac{13}{14}$ , and  $n = \frac{7}{10}$   $4\frac{17}{20}$
- 468)  $y - (x - y^3)$ ; use  $x = \frac{3}{7}$ , and  $y = \frac{5}{8}$   $\frac{1579}{3584}$
- 469)  $8 - \left(q - \frac{6}{p}\right)$ ; use  $p = 15$ , and  $q = \frac{1}{2}$   $7\frac{9}{10}$
- 470)  $\frac{3}{x^2y}$ ; use  $x = \frac{5}{7}$ , and  $y = 5\frac{1}{6}$   $1\frac{107}{775}$
- 471)  $(6(n + m)) \div m$ ; use  $m = \frac{11}{9}$ , and  $n = \frac{5}{3}$   $14\frac{2}{11}$
- 472)  $j(j + hj)$ ; use  $h = 5\frac{5}{7}$ , and  $j = \frac{7}{9}$   $4\frac{5}{81}$
- 473)  $y \times \frac{xy}{x}$ ; use  $x = \frac{3}{11}$ , and  $y = 6\frac{1}{2}$   $42\frac{1}{4}$
- 474)  $a \div (a - (a - b))$ ; use  $a = 7\frac{5}{14}$ , and  $b = 1$   $7\frac{5}{14}$
- 475)  $7x \times \frac{y}{3}$ ; use  $x = 2\frac{11}{15}$ , and  $y = 2\frac{7}{15}$   $15\frac{494}{675}$
- 476)  $8(n - (m - m))$ ; use  $m = 6\frac{3}{4}$ , and  $n = 7\frac{5}{7}$   $61\frac{5}{7}$
- 477)  $m \div (p - p^2)$ ; use  $m = \frac{18}{11}$ , and  $p = \frac{7}{13}$   $6\frac{45}{77}$
- 478)  $\frac{p^2m}{p}$ ; use  $m = \frac{4}{7}$ , and  $p = 5$   $2\frac{6}{7}$
- 479)  $3(b - a) + b$ ; use  $a = \frac{1}{2}$ , and  $b = 1$   $2\frac{1}{2}$
- 480)  $26(x + y)$ ; use  $x = 1\frac{3}{5}$ , and  $y = 1\frac{1}{3}$   $76\frac{4}{15}$
- 481)  $q + 7p^2$ ; use  $p = \frac{1}{8}$ , and  $q = \frac{29}{15}$   $2\frac{41}{960}$
- 482)  $11 \div (y(z - y))$ ; use  $y = \frac{4}{13}$ , and  $z = 3\frac{2}{3}$   $10\frac{337}{524}$
- 483)  $(a - (b - b)) \div b$ ; use  $a = \frac{16}{9}$ , and  $b = 7\frac{7}{12}$   $\frac{64}{273}$
- 484)  $y \div (x^2 - x)$ ; use  $x = 2\frac{13}{15}$ , and  $y = 14\frac{11}{15}$   $2\frac{907}{1204}$
- 485)  $11p(m - p)$ ; use  $m = 6\frac{1}{2}$ , and  $p = 6\frac{1}{3}$   $11\frac{11}{18}$
- 486)  $y^3 - y - x$ ; use  $x = \frac{9}{5}$ , and  $y = 3\frac{5}{6}$   $50\frac{751}{1080}$
- 487)  $\frac{q}{m} + p^2$ ; use  $m = \frac{2}{3}$ ,  $p = 2\frac{1}{3}$ , and  $q = \frac{5}{14}$   $5\frac{247}{252}$
- 488)  $15 \div (b + a - a)$ ; use  $a = \frac{3}{2}$ , and  $b = \frac{15}{8}$   $8$
- 489)  $m \div (n - (m - n))$ ; use  $m = 5\frac{5}{8}$ , and  $n = 4$   $2\frac{7}{19}$
- 490)  $z(z + z - y)$ ; use  $y = 7\frac{6}{7}$ , and  $z = 7\frac{5}{14}$   $50\frac{22}{49}$
- 491)  $10z + 6x$ ; use  $x = 5\frac{3}{5}$ , and  $z = 3\frac{13}{14}$   $72\frac{31}{35}$
- 492)  $9 + p(p - q)$ ; use  $p = 4\frac{1}{12}$ , and  $q = \frac{3}{2}$   $19\frac{79}{144}$
- 493)  $k + 6 - kh$ ; use  $h = \frac{1}{2}$ , and  $k = 6\frac{1}{4}$   $9\frac{1}{8}$
- 494)  $b + \frac{a^2}{a}$ ; use  $a = 5\frac{2}{9}$ , and  $b = 3\frac{1}{6}$   $8\frac{7}{18}$
- 495)  $p + 8 - (m + m)$ ; use  $m = \frac{3}{2}$ , and  $p = 8$   $13$
- 496)  $x^2 - y^2$ ; use  $x = 6\frac{3}{10}$ , and  $y = 3\frac{1}{2}$   $27\frac{11}{25}$
- 497)  $z + (y + z) \div 5$ ; use  $y = 2$ , and  $z = \frac{1}{2}$   $1$
- 498)  $5 + \frac{p}{2} + m$ ; use  $m = \frac{2}{13}$ , and  $p = 6\frac{7}{13}$   $8\frac{11}{26}$

499)  $q + (p^2)^2$ ; use  $p = \frac{2}{3}$ , and  $q = 5$   $5\frac{16}{81}$       500)  $(9 - x) \div y + y$ ; use  $x = 1$ , and  $y = \frac{3}{14}$   $37\frac{23}{42}$

501)  $3j - k(8 - h)$ ; use  $h = \frac{1}{2}$ ,  $j = 10\frac{4}{19}$ , and  $k = \frac{4}{5}$   $24\frac{12}{19}$

502)  $x^2 - x - \frac{x}{y}$ ; use  $x = 1\frac{13}{20}$ , and  $y = 2\frac{11}{14}$   $\frac{2497}{5200}$       503)  $(h - j)(j + h) + j$ ; use  $h = 6\frac{11}{15}$ , and  $j = \frac{6}{5}$   $45\frac{22}{225}$

504)  $(y + x) \div (y - 5 + 10)$ ; use  $x = \frac{4}{5}$ , and  $y = 8\frac{3}{14}$   $\frac{631}{925}$

505)  $\frac{5mn}{m} - m$ ; use  $m = 10\frac{1}{2}$ , and  $n = 10\frac{8}{9}$   $43\frac{17}{18}$       506)  $a \times (13a - b) \div a$ ; use  $a = 4\frac{15}{17}$ , and  $b = 3\frac{2}{3}$   $59\frac{41}{51}$

507)  $yx(y - x - x)$ ; use  $x = \frac{8}{9}$ , and  $y = 4\frac{1}{3}$   $9\frac{205}{243}$

508)  $7(m - p) + m - p$ ; use  $m = 4\frac{7}{19}$ , and  $p = \frac{16}{9}$   $20\frac{124}{171}$

509)  $15 + j + 15 - (h + 18)$ ; use  $h = 1$ , and  $j = 3\frac{2}{17}$   $14\frac{2}{17}$

510)  $p - \left(p - \left(p - \frac{q}{12}\right)\right)$ ; use  $p = 5\frac{5}{6}$ , and  $q = 1\frac{4}{7}$   $5\frac{59}{84}$

511)  $\frac{y}{x} + \frac{y}{y} + 17$ ; use  $x = 1$ , and  $y = \frac{17}{16}$   $19\frac{1}{16}$       512)  $x + (6 - (z + 4)) \div x$ ; use  $x = \frac{1}{4}$ , and  $z = \frac{19}{13}$   $2\frac{21}{52}$

513)  $j - h + j + \frac{h}{17}$ ; use  $h = 1$ , and  $j = 9\frac{9}{13}$   $18\frac{98}{221}$       514)  $b + 9a - (b - b)$ ; use  $a = 13\frac{3}{5}$ , and  $b = \frac{31}{19}$   $124\frac{3}{95}$

515)  $(x + y) \div (19 + x) + y$ ; use  $x = 8\frac{10}{11}$ , and  $y = 13\frac{4}{9}$   $14\frac{226}{921}$

516)  $5 - (p + p) + m - m$ ; use  $m = 4\frac{1}{6}$ , and  $p = \frac{1}{2}$   $4$

517)  $\frac{n^2}{m^3}$ ; use  $m = \frac{7}{9}$ , and  $n = 3\frac{6}{11}$   $26\frac{29731}{41503}$

518)  $9 - (y + y - y) \div x$ ; use  $x = 7\frac{2}{3}$ , and  $y = 7\frac{5}{14}$   $8\frac{13}{322}$

519)  $y^2 \div (y + y + x)$ ; use  $x = 2$ , and  $y = 4\frac{3}{16}$   $1\frac{1833}{2656}$       520)  $(q + p^3) \div (12 - q)$ ; use  $p = \frac{12}{13}$ , and  $q = \frac{9}{19}$   $\frac{17535}{160381}$

521)  $(yx(y + y)) \div y$ ; use  $x = 2\frac{1}{10}$ , and  $y = 7\frac{1}{4}$   $30\frac{9}{20}$       522)  $b + 1 - (a + a - a)$ ; use  $a = \frac{15}{11}$ , and  $b = 19$   $18\frac{7}{11}$

523)  $x + x - \frac{x}{xy}$ ; use  $x = \frac{13}{14}$ , and  $y = \frac{13}{14}$   $\frac{71}{91}$       524)  $j + h^2 - j + h$ ; use  $h = 4\frac{2}{9}$ , and  $j = 7\frac{4}{17}$   $22\frac{4}{81}$

525)  $5p \times (r - q) \div r$ ; use  $p = 7\frac{2}{17}$ ,  $q = \frac{4}{5}$ , and  $r = \frac{7}{4}$   $19\frac{38}{119}$

526)  $y^2(14 - 4 + x)$ ; use  $x = \frac{4}{3}$ , and  $y = 4\frac{1}{10}$   $190\frac{77}{150}$       527)  $\frac{20}{m}(m + n + m)$ ; use  $m = 7\frac{8}{15}$ , and  $n = 1\frac{5}{13}$   $43\frac{993}{1469}$

528)  $18m(m - 4p)$ ; use  $m = 2$ , and  $p = \frac{3}{7}$   $10\frac{2}{7}$       529)  $x - x + \frac{x}{xy}$ ; use  $x = 6\frac{9}{10}$ , and  $y = 9\frac{10}{11}$   $\frac{11}{109}$

530)  $y + \frac{3}{y} + 2x$ ; use  $x = 3\frac{1}{14}$ , and  $y = \frac{5}{9}$   $12\frac{31}{315}$

531)  $p - q^2 - (p - r)$ ; use  $p = 6\frac{4}{11}$ ,  $q = \frac{1}{17}$ , and  $r = \frac{1}{3}$   $\frac{286}{867}$

- 532)  $p - (q - p) \div (p + 19)$ ; use  $p = 8\frac{1}{19}$ , and  $q = 9\frac{11}{12}$   $7\frac{115285}{117192}$
- 533)  $h + k - 5 + j + k$ ; use  $h = 2$ ,  $j = 5\frac{8}{9}$ , and  $k = 7\frac{2}{15}$   $17\frac{7}{45}$
- 534)  $x(11(y + y) - y)$ ; use  $x = \frac{9}{20}$ , and  $y = \frac{4}{3}$   $12\frac{3}{5}$       535)  $b(a - b) - (15 + b)$ ; use  $a = 20$ , and  $b = 8\frac{5}{8}$   $74\frac{31}{64}$
- 536)  $6 + x - x(y - y)$ ; use  $x = 9\frac{11}{12}$ , and  $y = 4\frac{10}{11}$   $15\frac{11}{12}$
- 537)  $y \div (x + y - (14 - 13))$ ; use  $x = \frac{17}{16}$ , and  $y = 5\frac{14}{15}$   $\frac{1424}{1439}$
- 538)  $\frac{p}{m}(m + 7p)$ ; use  $m = \frac{24}{19}$ , and  $p = \frac{4}{5}$   $4\frac{26}{75}$
- 539)  $(15 - n - (2 + 10)) \div m$ ; use  $m = \frac{5}{3}$ , and  $n = \frac{11}{6}$   $\frac{7}{10}$
- 540)  $x + y - (3 - x)^3$ ; use  $x = \frac{4}{5}$ , and  $y = 17$   $7\frac{19}{125}$       541)  $x + \frac{x}{y} + \frac{y}{x}$ ; use  $x = 10\frac{3}{4}$ , and  $y = \frac{30}{17}$   $17\frac{511}{87720}$
- 542)  $x + \frac{5}{y} - \frac{x}{x}$ ; use  $x = 7\frac{7}{8}$ , and  $y = 3\frac{2}{3}$   $8\frac{21}{88}$       543)  $p - p(q - 9p)$ ; use  $p = \frac{1}{7}$ , and  $q = \frac{4}{3}$   $\frac{20}{147}$
- 544)  $(a^2(b - a)) \div b$ ; use  $a = 12$ , and  $b = 20$   $57\frac{3}{5}$
- 545)  $7 + 14 - 10 - (k + j)$ ; use  $j = \frac{1}{2}$ , and  $k = 8\frac{1}{20}$   $2\frac{9}{20}$
- 546)  $8 - \left(\frac{12}{x} - y^2\right)$ ; use  $x = 5\frac{15}{16}$ , and  $y = \frac{5}{4}$   $7\frac{823}{1520}$       547)  $17 \times \frac{m}{p} + 20 + m$ ; use  $m = 9\frac{8}{9}$ , and  $p = 1$   $198$
- 548)  $12 \times m \div (pq + m)$ ; use  $m = 1$ ,  $p = 4\frac{2}{3}$ , and  $q = 7\frac{5}{8}$   $\frac{144}{439}$
- 549)  $13 + q - (p - p) - q$ ; use  $p = 5\frac{17}{18}$ , and  $q = 7\frac{5}{14}$   $13$
- 550)  $y \times \frac{xy}{9x}$ ; use  $x = 9\frac{1}{4}$ , and  $y = 6\frac{6}{17}$   $4\frac{140}{289}$       551)  $3 + 12 - x - y - x$ ; use  $x = \frac{23}{19}$ , and  $y = \frac{1}{2}$   $12\frac{3}{38}$
- 552)  $(20 - n + n) \div (m + m)$ ; use  $m = 6\frac{1}{20}$ , and  $n = \frac{11}{7}$   $1\frac{79}{121}$
- 553)  $8 - (y - y) \div x - x$ ; use  $x = 5\frac{5}{8}$ , and  $y = 9\frac{3}{10}$   $2\frac{3}{8}$
- 554)  $p \div (q^2(p - q))$ ; use  $p = \frac{9}{5}$ , and  $q = \frac{16}{9}$   $25\frac{161}{256}$       555)  $5 - h^2 \times \frac{j}{16}$ ; use  $h = \frac{17}{9}$ , and  $j = 1$   $4\frac{1007}{1296}$
- 556)  $(a - b)(7a - a)$ ; use  $a = 5$ , and  $b = \frac{23}{20}$   $115\frac{1}{2}$       557)  $(y + 6)^2 \div xy$ ; use  $x = 8\frac{5}{6}$ , and  $y = \frac{9}{11}$   $6\frac{252}{583}$
- 558)  $(x + 1 - y^2) \div y$ ; use  $x = 6\frac{1}{14}$ , and  $y = \frac{17}{19}$   $7\frac{39}{4522}$
- 559)  $m^2 - pq + p$ ; use  $m = 10\frac{11}{13}$ ,  $p = 8\frac{11}{14}$ , and  $q = 2\frac{3}{20}$   $107\frac{25339}{47320}$
- 560)  $y \times \frac{y}{x} - y + 6$ ; use  $x = \frac{1}{2}$ , and  $y = 7$   $97$       561)  $m^2(n - (m - m))$ ; use  $m = \frac{1}{4}$ , and  $n = 6\frac{1}{2}$   $\frac{13}{32}$
- 562)  $(m^2n + n) \div m$ ; use  $m = 5\frac{3}{8}$ , and  $n = 7\frac{1}{4}$   $40\frac{437}{1376}$

563)  $y + x + y - x - y$ ; use  $x = 8\frac{14}{17}$ , and  $y = 8\frac{11}{12}$   $8\frac{11}{12}$

564)  $b \div (ab - c^3)$ ; use  $a = 7\frac{1}{18}$ ,  $b = 10\frac{1}{18}$ , and  $c = 3\frac{1}{13}$   $\frac{7157826}{29766439}$

565)  $19 \div (x - (18 - y - 1))$ ; use  $x = 14$ , and  $y = 8\frac{3}{10}$   $3\frac{31}{53}$

566)  $(19 + k)^2 \div kj$ ; use  $j = 4\frac{2}{3}$ , and  $k = \frac{7}{8}$   $96\frac{579}{784}$  567)  $p^2 - (p - q) \div q$ ; use  $p = 3\frac{5}{11}$ , and  $q = \frac{16}{9}$   $10\frac{959}{968}$

568)  $x(15 - x) - (z - z)$ ; use  $x = 2$ , and  $z = 19$   $26$  569)  $a\left(b + b - \frac{15}{15}\right)$ ; use  $a = 7\frac{2}{3}$ , and  $b = 8\frac{2}{3}$   $125\frac{2}{9}$

570)  $y^2 + y + z^2$ ; use  $y = 1\frac{8}{17}$ , and  $z = 9\frac{5}{12}$   $92\frac{12769}{41616}$

571)  $(x + x - (y - y)) \div x$ ; use  $x = \frac{9}{5}$ , and  $y = 1\frac{3}{11}$   $2$

572)  $(m + p) \div p - \frac{m}{14}$ ; use  $m = \frac{33}{19}$ , and  $p = \frac{29}{18}$   $1\frac{7359}{7714}$

573)  $15\left(10 + \frac{x}{y}\right) + y$ ; use  $x = \frac{3}{4}$ , and  $y = 5\frac{6}{7}$   $157\frac{893}{1148}$

574)  $(y + x)(x + x - x)$ ; use  $x = 6\frac{1}{2}$ , and  $y = 7\frac{7}{18}$   $90\frac{5}{18}$

575)  $p \div (p - (q^2 - p))$ ; use  $p = \frac{8}{9}$ , and  $q = 1$   $1\frac{1}{7}$  576)  $z^2 + y \div (7 + y)$ ; use  $y = \frac{11}{8}$ , and  $z = \frac{7}{6}$   $1\frac{1267}{2412}$

577)  $(j(j - h)) \div (h + h)$ ; use  $h = 1$ , and  $j = 3\frac{3}{20}$   $3\frac{309}{800}$

578)  $13 \times (a - 3) \div (a + b)$ ; use  $a = 6\frac{5}{6}$ , and  $b = \frac{1}{5}$   $7\frac{18}{211}$

579)  $n \div (n + n - (n + m))$ ; use  $m = 4\frac{1}{14}$ , and  $n = 9\frac{1}{20}$   $1\frac{570}{697}$

580)  $y + 8 + y + x - y$ ; use  $x = 3\frac{10}{19}$ , and  $y = 8\frac{11}{12}$   $20\frac{101}{228}$

581)  $a \div (a^2 + c + a)$ ; use  $a = \frac{13}{16}$ , and  $c = 1\frac{1}{17}$   $\frac{3536}{11017}$  582)  $n - m - m - m^2$ ; use  $m = \frac{1}{5}$ , and  $n = 6\frac{11}{14}$   $6\frac{121}{350}$

583)  $m^2 \div m - (m - p)$ ; use  $m = 6\frac{1}{11}$ , and  $p = 1$   $1$  584)  $2m - \frac{p}{m} - m$ ; use  $m = 8\frac{3}{7}$ , and  $p = \frac{1}{4}$   $8\frac{659}{1652}$

585)  $14 + y - (3 - (x + x))$ ; use  $x = \frac{1}{8}$ , and  $y = \frac{3}{4}$   $12$

586)  $9 - y \div (x + y) + y$ ; use  $x = 1$ , and  $y = 14$   $22\frac{1}{15}$  587)  $\frac{h^2}{h^2j}$ ; use  $h = 10\frac{4}{9}$ , and  $j = 3\frac{1}{20}$   $\frac{20}{61}$

588)  $(c - b) \div (a - b + 1)$ ; use  $a = 5\frac{3}{4}$ ,  $b = \frac{27}{17}$ , and  $c = 9\frac{4}{9}$   $1\frac{1649}{3159}$

589)  $(19q - (q - q)) \div p$ ; use  $p = 1\frac{4}{5}$ , and  $q = 3\frac{2}{3}$   $38\frac{19}{27}$

590)  $y^2xx^2$ ; use  $x = \frac{6}{7}$ , and  $y = 10\frac{1}{17}$   $63\frac{71055}{99127}$  591)  $\frac{45}{b} - (a + 20)$ ; use  $a = 7\frac{1}{12}$ , and  $b = \frac{8}{17}$   $68\frac{13}{24}$

592)  $(14(y + x)) \div (y + x)$ ; use  $x = 10\frac{8}{11}$ , and  $y = 5\frac{1}{7}$   $14$

- 593)  $m - (m - m) - (p - m)$ ; use  $m = \frac{7}{5}$ , and  $p = \frac{5}{3}$   $1 \frac{2}{15}$
- 594)  $n - n(m - m)^2$ ; use  $m = \frac{1}{8}$ , and  $n = 4 \frac{7}{12}$   $4 \frac{7}{12}$
- 595)  $x + \frac{x}{y}(13 - x)$ ; use  $x = 5 \frac{13}{14}$ , and  $y = \frac{5}{3}$   $31 \frac{81}{980}$
- 596)  $2 \times \frac{m}{q} - 2q$ ; use  $m = \frac{25}{13}$ , and  $q = \frac{4}{7}$   $5 \frac{107}{182}$
- 597)  $\left(\frac{p}{q}\right)^3 q^2$ ; use  $p = \frac{2}{3}$ , and  $q = 5 \frac{1}{20}$   $-\frac{40804000}{109853193}$
- 598)  $y^3 + x^2 - x$ ; use  $x = 2 \frac{5}{9}$ , and  $y = \frac{1}{5}$   $3 \frac{9956}{10125}$
- 599)  $y - x^3 + x$ ; use  $x = \frac{1}{3}$ , and  $y = \frac{27}{17}$   $1 \frac{406}{459}$
- 600)  $40\left(\frac{j}{k}\right)^3$ ; use  $j = \frac{29}{17}$ , and  $k = \frac{6}{5}$   $114 \frac{120911}{132651}$
- 601)  $x + y + yx$ ; use  $x = 14 \frac{5}{11}$ , and  $y = 4 \frac{7}{10}$   $87 \frac{1}{11}$
- 602)  $1 - \frac{a}{b} + a$ ; use  $a = 6 \frac{10}{11}$ , and  $b = 7 \frac{5}{8}$   $7 \frac{2}{671}$
- 603)  $x\left(y + \frac{y}{x}\right)$ ; use  $x = 11$ , and  $y = 5 \frac{4}{11}$   $64 \frac{4}{11}$
- 604)  $p - m \div (p + 14)$ ; use  $m = 6 \frac{2}{3}$ , and  $p = 6 \frac{5}{7}$   $6 \frac{239}{609}$
- 605)  $(m + m + m) \div p$ ; use  $m = 1$ , and  $p = 3 \frac{9}{11}$   $\frac{11}{14}$
- 606)  $(p + q - q) \div p$ ; use  $p = 4 \frac{7}{8}$ , and  $q = 1 \frac{1}{9}$   $1$
- 607)  $m - (n - 3)^2$ ; use  $m = 6 \frac{3}{10}$ , and  $n = 4 \frac{2}{5}$   $4 \frac{17}{50}$
- 608)  $y - y + \frac{x}{1}$ ; use  $x = 3 \frac{7}{15}$ , and  $y = 1 \frac{5}{6}$   $3 \frac{7}{15}$
- 609)  $(y + y + x) \div y$ ; use  $x = 6 \frac{5}{8}$ , and  $y = 7 \frac{5}{6}$   $2 \frac{159}{188}$
- 610)  $6(x - (y - y))$ ; use  $x = 6 \frac{1}{2}$ , and  $y = 7 \frac{5}{9}$   $39$
- 611)  $(j(j + h)) \div j$ ; use  $h = 3 \frac{4}{15}$ , and  $j = 5 \frac{4}{5}$   $9 \frac{1}{15}$
- 612)  $13 - h - (j + h)$ ; use  $h = 1 \frac{4}{13}$ , and  $j = 3 \frac{8}{15}$   $6 \frac{166}{195}$
- 613)  $(x - y^2) \div y$ ; use  $x = 3 \frac{2}{7}$ , and  $y = 1 \frac{3}{4}$   $\frac{25}{196}$
- 614)  $\frac{b}{b} - (a - a)$ ; use  $a = 1$ , and  $b = 1 \frac{2}{13}$   $1$
- 615)  $x(y + 12 - 6)$ ; use  $x = 7 \frac{7}{12}$ , and  $y = 3 \frac{1}{12}$   $68 \frac{127}{144}$
- 616)  $m + n + m - m$ ; use  $m = 6 \frac{5}{6}$ , and  $n = 4 \frac{1}{2}$   $11 \frac{1}{3}$
- 617)  $(p + q)(q + 3)$ ; use  $p = 7 \frac{3}{4}$ , and  $q = 1 \frac{1}{3}$   $39 \frac{13}{36}$
- 618)  $x \div (y + y - y)$ ; use  $x = 3 \frac{1}{10}$ , and  $y = 5$   $\frac{31}{50}$
- 619)  $3 + p - \frac{m}{p}$ ; use  $m = 7 \frac{1}{12}$ , and  $p = 2 \frac{7}{9}$   $3 \frac{41}{180}$
- 620)  $(11x - y) \div x$ ; use  $x = 7 \frac{1}{4}$ , and  $y = 1 \frac{4}{15}$   $10 \frac{359}{435}$
- 621)  $kh^2 - 6$ ; use  $h = 6 \frac{5}{11}$ , and  $k = 3 \frac{2}{9}$   $128 \frac{263}{1089}$
- 622)  $\frac{7}{j} + h - 2$ ; use  $h = 4 \frac{5}{9}$ , and  $j = 7$   $3 \frac{5}{9}$
- 623)  $a(a + 11 - b)$ ; use  $a = 4 \frac{1}{3}$ , and  $b = 1 \frac{7}{10}$   $59 \frac{7}{90}$
- 624)  $(y - z) \div 7 + x$ ; use  $x = 5 \frac{2}{3}$ ,  $y = 2 \frac{7}{12}$ , and  $z = 1 \frac{5}{6}$   $5 \frac{65}{84}$
- 625)  $m^3 - n + 7$ ; use  $m = 4 \frac{2}{15}$ , and  $n = 2 \frac{5}{6}$   $74 \frac{5281}{6750}$
- 626)  $x^2 \div (10 - y)$ ; use  $x = 4 \frac{2}{15}$ , and  $y = 6 \frac{1}{8}$   $4 \frac{92}{225}$
- 627)  $p + m - m^2$ ; use  $m = 4 \frac{3}{8}$ , and  $p = 15$   $\frac{15}{64}$
- 628)  $z(y^2 + z)$ ; use  $y = 3 \frac{11}{13}$ , and  $z = 2 \frac{1}{4}$   $38 \frac{937}{2704}$
- 629)  $(x + 9y) \div y$ ; use  $x = 3 \frac{5}{8}$ , and  $y = 6 \frac{1}{12}$   $9 \frac{87}{146}$
- 630)  $\frac{xy}{y} + x$ ; use  $x = 4 \frac{5}{6}$ , and  $y = 5 \frac{1}{4}$   $9 \frac{2}{3}$
- 631)  $z + z + \frac{z}{y}$ ; use  $y = 2 \frac{5}{6}$ , and  $z = 3 \frac{2}{5}$   $8$
- 632)  $p + q + q - q$ ; use  $p = 3 \frac{5}{14}$ , and  $q = 2 \frac{6}{11}$   $5 \frac{139}{154}$
- 633)  $p - \frac{6}{5q}$ ; use  $p = 1 \frac{5}{7}$ , and  $q = 6 \frac{5}{7}$   $1 \frac{881}{1645}$
- 634)  $(a^2 - a) \div b$ ; use  $a = 7 \frac{2}{13}$ , and  $b = 4 \frac{3}{4}$   $9 \frac{861}{3211}$
- 635)  $(14j - h) \div 3$ ; use  $h = 7 \frac{1}{5}$ , and  $j = 4 \frac{2}{3}$   $19 \frac{17}{45}$
- 636)  $y + x - \frac{15}{x}$ ; use  $x = 7 \frac{6}{11}$ , and  $y = 7 \frac{1}{2}$   $13 \frac{105}{1826}$



- 637)  $nm \div n^2$ ; use  $m = 3$ , and  $n = 15$   $\frac{1}{3}$   $\frac{9}{46}$
- 638)  $p\left(\frac{13}{q} - p\right)$ ; use  $p = 2\frac{3}{10}$ , and  $q = 4\frac{13}{15}$   $\frac{6233}{7300}$
- 639)  $m^2 + m - p$ ; use  $m = 5\frac{3}{4}$ , and  $p = 1\frac{9}{13}$   $37\frac{25}{208}$
- 640)  $y \div (x - y) + y$ ; use  $x = 11$ , and  $y = 6\frac{2}{5}$   $7\frac{91}{115}$
- 641)  $\frac{yx}{x} - 4$ ; use  $x = 5\frac{3}{10}$ , and  $y = 5\frac{1}{3}$   $1\frac{1}{3}$
- 642)  $x \times z \div (x + 6)$ ; use  $x = 5\frac{1}{2}$ , and  $z = 6\frac{2}{7}$   $3\frac{1}{161}$
- 643)  $ab + \frac{b}{a}$ ; use  $a = 3\frac{7}{9}$ , and  $b = 3$   $12\frac{13}{102}$
- 644)  $13p - \frac{q}{q}$ ; use  $p = 7\frac{1}{2}$ , and  $q = 1\frac{1}{2}$   $96\frac{1}{2}$
- 645)  $n - (n - m) + 3$ ; use  $m = 2\frac{4}{7}$ , and  $n = 4\frac{5}{8}$   $5\frac{4}{7}$
- 646)  $(15 - h) \div (j + j)$ ; use  $h = 3\frac{13}{15}$ , and  $j = 1\frac{1}{11}$   $5\frac{37}{360}$
- 647)  $y^2(y - x)$ ; use  $x = 1\frac{1}{14}$ , and  $y = 3\frac{1}{14}$   $18\frac{85}{98}$
- 648)  $m^2 - \frac{p}{m}$ ; use  $m = 1\frac{11}{13}$ , and  $p = 5\frac{6}{7}$   $\frac{6691}{28392}$
- 649)  $rq - (12 + q)$ ; use  $q = 7\frac{3}{11}$ , and  $r = 3\frac{1}{2}$   $6\frac{2}{11}$
- 650)  $x(4 + y - y)$ ; use  $x = 5\frac{1}{6}$ , and  $y = 6\frac{5}{6}$   $20\frac{2}{3}$
- 651)  $(x(3 + z)) \div y$ ; use  $x = 2\frac{1}{12}$ ,  $y = 1\frac{6}{11}$ , and  $z = 6\frac{1}{4}$   $12\frac{383}{816}$
- 652)  $h + h - \frac{15}{j}$ ; use  $h = 5\frac{8}{11}$ , and  $j = 5\frac{1}{5}$   $8\frac{163}{286}$
- 653)  $(y - x + y) \div y$ ; use  $x = 4\frac{3}{4}$ , and  $y = 5\frac{13}{15}$   $1\frac{67}{352}$
- 654)  $\frac{2}{n} + \frac{m}{3}$ ; use  $m = 5\frac{1}{3}$ , and  $n = 5\frac{1}{2}$   $2\frac{14}{99}$
- 655)  $a(10 - (a - b))$ ; use  $a = 6\frac{3}{5}$ , and  $b = 1\frac{1}{6}$   $30\frac{7}{50}$
- 656)  $z \div (4(y - x))$ ; use  $x = 3\frac{8}{9}$ ,  $y = 4$ , and  $z = 1\frac{1}{2}$   $3\frac{3}{8}$
- 657)  $p + q - (q - q)$ ; use  $p = 1\frac{1}{12}$ , and  $q = 7\frac{1}{2}$   $8\frac{7}{12}$
- 658)  $mp - p + 14$ ; use  $m = 4\frac{4}{9}$ , and  $p = 2\frac{4}{15}$   $21\frac{109}{135}$
- 659)  $m(n + n - m)$ ; use  $m = 6\frac{1}{2}$ , and  $n = 7\frac{13}{14}$   $60\frac{23}{28}$
- 660)  $xy^2 - x$ ; use  $x = 2\frac{1}{8}$ , and  $y = 7\frac{1}{4}$   $109\frac{73}{128}$
- 661)  $a + a + b + a$ ; use  $a = 5\frac{7}{15}$ , and  $b = 6\frac{8}{11}$   $23\frac{7}{55}$
- 662)  $n\left(n - \frac{m}{7}\right)$ ; use  $m = 1\frac{9}{13}$ , and  $n = 9$   $78\frac{75}{91}$
- 663)  $8 \div (h - h + j)$ ; use  $h = 1\frac{4}{7}$ , and  $j = 2\frac{8}{13}$   $3\frac{1}{17}$
- 664)  $(q - p)^3 \div q$ ; use  $p = 5\frac{1}{8}$ , and  $q = 6\frac{5}{12}$   $\frac{29791}{88704}$
- 665)  $m^2 - (p - p)$ ; use  $m = 7\frac{4}{5}$ , and  $p = 6\frac{7}{9}$   $60\frac{21}{25}$
- 666)  $xy - (7 + y)$ ; use  $x = 6\frac{4}{5}$ , and  $y = 2\frac{1}{2}$   $7\frac{1}{2}$
- 667)  $2x(13 - y)$ ; use  $x = 3\frac{1}{12}$ , and  $y = 2\frac{4}{13}$   $65\frac{73}{78}$
- 668)  $z \div (x(1 + z))$ ; use  $x = 5\frac{3}{4}$ , and  $z = 1\frac{5}{8}$   $\frac{52}{483}$
- 669)  $m - 1 \div n^2$ ; use  $m = 5\frac{5}{12}$ , and  $n = 7\frac{14}{15}$   $5\frac{68105}{169932}$
- 670)  $3p(p + q)$ ; use  $p = 5\frac{1}{4}$ , and  $q = 2\frac{9}{11}$   $127\frac{13}{176}$
- 671)  $b(c - c) + b$ ; use  $b = 7\frac{9}{10}$ , and  $c = 4\frac{1}{3}$   $7\frac{9}{10}$
- 672)  $h - h + j^2$ ; use  $h = 4\frac{1}{3}$ , and  $j = 6\frac{4}{7}$   $43\frac{9}{49}$
- 673)  $y(y + x) - y$ ; use  $x = 1\frac{6}{13}$ , and  $y = 2\frac{5}{12}$   $6\frac{1789}{1872}$
- 674)  $y^2 - x^2$ ; use  $x = 1\frac{1}{9}$ , and  $y = 7\frac{1}{8}$   $49\frac{2753}{5184}$
- 675)  $5 - b + a^2$ ; use  $a = 3\frac{5}{9}$ , and  $b = 4\frac{1}{4}$   $13\frac{127}{324}$
- 676)  $yx^2 + y$ ; use  $x = 2\frac{2}{15}$ , and  $y = 2\frac{7}{11}$   $14\frac{1571}{2475}$
- 677)  $(m(m + n)) \div m$ ; use  $m = 2\frac{3}{7}$ , and  $n = 1\frac{2}{9}$   $3\frac{41}{63}$
- 678)  $(x(y + x)) \div y$ ; use  $x = 6\frac{3}{14}$ , and  $y = 5\frac{1}{4}$   $13\frac{391}{686}$

679)  $\frac{rp}{r} + r$ ; use  $p = 6\frac{1}{14}$ , and  $r = 6\frac{13}{14}$  13

680)  $(a + 13 - b) \div b$ ; use  $a = 7\frac{5}{6}$ , and  $b = 12$   $\frac{53}{72}$

681)  $h \div (k^2 + j)$ ; use  $h = 3\frac{7}{12}$ ,  $j = 1\frac{3}{8}$ , and  $k = 5\frac{6}{13}$   $\frac{14534}{126561}$

682)  $(6(p - m)) \div p$ ; use  $m = 6\frac{9}{11}$ , and  $p = 7\frac{4}{11}$   $\frac{4}{9}$

683)  $y - \left(y - \frac{x}{6}\right)$ ; use  $x = 6\frac{3}{5}$ , and  $y = 2\frac{5}{14}$   $1\frac{1}{10}$

684)  $n^2 - \frac{p}{p}$ ; use  $n = 1\frac{1}{2}$ , and  $p = 1\frac{3}{4}$   $1\frac{1}{4}$

685)  $\frac{7}{x} \times y^2$ ; use  $x = 7\frac{3}{10}$ , and  $y = 6\frac{1}{12}$   $35\frac{35}{72}$

686)  $5 + p^2 - m$ ; use  $m = 5\frac{1}{3}$ , and  $p = 5\frac{13}{15}$   $34\frac{19}{225}$

687)  $x^2 \div y - 4$ ; use  $x = 5\frac{5}{11}$ , and  $y = 6\frac{7}{10}$   $\frac{3572}{8107}$

688)  $b + b \div (a - b)$ ; use  $a = 6\frac{2}{5}$ , and  $b = 4\frac{5}{12}$   $6\frac{919}{1428}$

689)  $p + 13 + q^2$ ; use  $p = 3\frac{9}{10}$ , and  $q = 3\frac{8}{13}$   $29\frac{1641}{1690}$

690)  $(y - x)^2 + 13$ ; use  $x = 2\frac{1}{2}$ , and  $y = 4\frac{14}{15}$   $18\frac{829}{900}$

691)  $\left(\frac{j}{h}\right)^3 + h$ ; use  $h = 2\frac{1}{8}$ , and  $j = 1\frac{1}{9}$   $2\frac{7677577}{28652616}$

692)  $a^2 + b^2$ ; use  $a = 4\frac{1}{2}$ , and  $b = 5\frac{1}{5}$   $47\frac{29}{100}$

693)  $\frac{12c}{2b}$ ; use  $b = 5\frac{5}{6}$ , and  $c = 3\frac{1}{3}$   $3\frac{3}{7}$

694)  $(8^2 + x) \div y$ ; use  $x = 7\frac{1}{7}$ , and  $y = 3\frac{3}{4}$   $18\frac{34}{35}$

695)  $p \times (m + p) \div 8$ ; use  $m = 2\frac{6}{7}$ , and  $p = 4\frac{2}{5}$   $3\frac{347}{350}$

696)  $x(x + y - y)$ ; use  $x = 2\frac{11}{15}$ , and  $y = 6\frac{7}{8}$   $7\frac{106}{225}$

697)  $m^2 + p + 8$ ; use  $m = 7\frac{4}{13}$ , and  $p = 1\frac{8}{9}$   $63\frac{443}{1521}$

698)  $m(n - (n - n))$ ; use  $m = 7\frac{8}{13}$ , and  $n = 2\frac{9}{10}$   $22\frac{11}{130}$

699)  $(q + q) \div qp$ ; use  $p = 6\frac{1}{6}$ , and  $q = 7\frac{3}{7}$   $\frac{12}{37}$

700)  $x + y + y - y$ ; use  $x = 6\frac{1}{6}$ , and  $y = 1\frac{3}{8}$   $7\frac{13}{24}$

701)  $xy - (y^2 - z)$ ; use  $x = 13$ ,  $y = 10\frac{6}{7}$ , and  $z = 5\frac{7}{10}$   $28\frac{473}{490}$

702)  $(y^2 + x) \div 4y$ ; use  $x = 3\frac{13}{15}$ , and  $y = 4\frac{13}{18}$   $1\frac{11789}{30600}$

703)  $\frac{x^2}{yx} + y$ ; use  $x = 8\frac{11}{18}$ , and  $y = 4\frac{5}{9}$   $6\frac{329}{738}$

704)  $j + k - (j - h) + j$ ; use  $h = 3\frac{2}{7}$ ,  $j = 8\frac{2}{11}$ , and  $k = 15\frac{5}{6}$   $27\frac{139}{462}$

705)  $(5 + m) \div (p^2 - m)$ ; use  $m = 6\frac{2}{15}$ , and  $p = 4\frac{1}{7}$   $1\frac{76}{8107}$

706)  $(z(y + 6)) \div (x - y)$ ; use  $x = 2\frac{9}{19}$ ,  $y = 1\frac{1}{6}$ , and  $z = 9\frac{5}{8}$   $52\frac{925}{1192}$

707)  $m - \left(16 - \frac{n}{n} - n\right)$ ; use  $m = 9\frac{5}{11}$ , and  $n = 8\frac{1}{16}$   $2\frac{91}{176}$

708)  $\frac{20}{x} + y + y + 5$ ; use  $x = 3\frac{3}{7}$ , and  $y = 8\frac{9}{14}$   $28\frac{5}{42}$

709)  $m(9 - p - (m - m))$ ; use  $m = 2\frac{14}{15}$ , and  $p = 4\frac{3}{7}$   $13\frac{43}{105}$

710)  $4 \div x^2 \times \frac{z}{y}$ ; use  $x = 5\frac{5}{8}$ ,  $y = 9\frac{7}{10}$ , and  $z = 7\frac{7}{10}$   $\frac{19712}{196425}$

711)  $6 \times (p + q)^2 \div p$ ; use  $p = 9\frac{5}{12}$ , and  $q = 5\frac{7}{13}$   $142\frac{19341}{38194}$

712)  $(14 - x)^2 - x - y$ ; use  $x = 6\frac{3}{4}$ , and  $y = 7\frac{7}{11}$   $38\frac{31}{176}$

- 713)  $\frac{x}{x} - \frac{y}{18x}$ ; use  $x = 8\frac{8}{11}$ , and  $y = 3\frac{7}{8}$   $\frac{13483}{13824}$
- 714)  $(h + h) \div j + 11j$ ; use  $h = 4\frac{5}{8}$ , and  $j = 6\frac{1}{20}$   $68\frac{191}{2420}$
- 715)  $19b - (c - (c - b))$ ; use  $b = 3\frac{11}{20}$ , and  $c = 8\frac{13}{14}$   $63\frac{9}{10}$
- 716)  $y + x(x^2 - x)$ ; use  $x = 2\frac{1}{12}$ , and  $y = 1\frac{19}{20}$   $6\frac{5633}{8640}$  717)  $h^2 \div (20(h - j))$ ; use  $h = 1\frac{5}{19}$ , and  $j = 1\frac{2}{9}$   $1\frac{631}{665}$
- 718)  $12 - (m - (p - p)) + n$ ; use  $m = 5\frac{1}{4}$ ,  $n = 1\frac{11}{14}$ , and  $p = 10\frac{3}{5}$   $8\frac{15}{28}$
- 719)  $x - (y - y) + x - x$ ; use  $x = 1\frac{18}{19}$ , and  $y = 2\frac{1}{12}$   $1\frac{18}{19}$
- 720)  $m(p + p + m - m)$ ; use  $m = 2\frac{3}{8}$ , and  $p = 4\frac{11}{13}$   $23\frac{1}{52}$
- 721)  $\frac{p}{q} + q(8 - p)$ ; use  $p = 7\frac{1}{4}$ , and  $q = 8\frac{2}{11}$   $7\frac{89}{3960}$
- 722)  $y^2 \div x + x - 1$ ; use  $x = 10\frac{7}{20}$ , and  $y = 2\frac{17}{18}$   $10\frac{62929}{335340}$
- 723)  $(k + 7 + h) \div jk$ ; use  $h = 2\frac{1}{12}$ ,  $j = 5\frac{13}{20}$ , and  $k = 3\frac{1}{5}$   $\frac{3685}{5424}$
- 724)  $(z - (z - 2)) \div (x + x)$ ; use  $x = 4\frac{11}{16}$ , and  $z = 8\frac{5}{12}$   $\frac{16}{75}$
- 725)  $y\left(x - \left(y - \frac{17}{y}\right)\right)$ ; use  $x = 8\frac{3}{4}$ , and  $y = 6\frac{3}{4}$   $30\frac{1}{2}$  726)  $b + a^3 - \frac{b}{b}$ ; use  $a = 1\frac{3}{4}$ , and  $b = 1\frac{2}{15}$   $5\frac{473}{960}$
- 727)  $9^2 \div (a - (b - b))$ ; use  $a = 1\frac{7}{8}$ , and  $b = 7\frac{1}{4}$   $43\frac{1}{5}$  728)  $x(y + 1) + 6y$ ; use  $x = 6\frac{2}{5}$ , and  $y = 8\frac{1}{2}$   $111\frac{4}{5}$
- 729)  $h \times h \div (j + h^3)$ ; use  $h = 8\frac{19}{20}$ , and  $j = 10\frac{2}{3}$   $\frac{1922460}{17462017}$  730)  $m^2(8 - n) + 10$ ; use  $m = 8\frac{13}{16}$ , and  $n = 7\frac{11}{20}$   $44\frac{4849}{5120}$
- 731)  $m \div (p + 2) \times \frac{12}{q}$ ; use  $m = 6\frac{13}{20}$ ,  $p = 5\frac{3}{16}$ , and  $q = 3\frac{1}{2}$   $3\frac{99}{575}$
- 732)  $18 - (x - x) - \frac{x}{y}$ ; use  $x = 9\frac{1}{12}$ , and  $y = 7\frac{1}{5}$   $16\frac{319}{432}$
- 733)  $z + x \div (z + y - y)$ ; use  $x = 4\frac{4}{9}$ ,  $y = 9\frac{9}{20}$ , and  $z = 5\frac{5}{6}$   $6\frac{25}{42}$
- 734)  $(p + p) \div (q - q + q)$ ; use  $p = 5\frac{3}{16}$ , and  $q = 1\frac{9}{10}$   $5\frac{35}{76}$
- 735)  $(x(x + y + y)) \div x$ ; use  $x = 11$ , and  $y = 7\frac{7}{13}$   $26\frac{1}{13}$
- 736)  $q + p^2 + \frac{p}{p}$ ; use  $p = 3\frac{2}{5}$ , and  $q = 7\frac{1}{5}$   $19\frac{19}{25}$
- 737)  $x - (y + y)(x - x)$ ; use  $x = 2\frac{7}{17}$ , and  $y = 5\frac{1}{19}$   $2\frac{7}{17}$
- 738)  $(x + yx + x) \div x$ ; use  $x = 2\frac{15}{16}$ , and  $y = 10\frac{5}{18}$   $12\frac{5}{18}$
- 739)  $j + 17 + h - \frac{1}{j}$ ; use  $h = 6\frac{5}{12}$ , and  $j = 3\frac{3}{20}$   $26\frac{157}{630}$

- 740)  $n \times (m + 19 + m) \div p$ ; use  $m = 7\frac{5}{9}$ ,  $n = 3\frac{3}{5}$ , and  $p = 5\frac{5}{8}$   $21\frac{187}{225}$
- 741)  $p - (p^2 - q) \div p$ ; use  $p = 4\frac{10}{17}$ , and  $q = 10\frac{10}{13}$   $2\frac{176}{507}$
- 742)  $20 \div (10(a - a) + b)$ ; use  $a = 9\frac{9}{20}$ , and  $b = 1\frac{1}{2}$   $13\frac{1}{3}$
- 743)  $\frac{15}{y}(y + x + x)$ ; use  $x = 3\frac{1}{5}$ , and  $y = 2\frac{3}{8}$   $55\frac{8}{19}$  744)  $\frac{5}{p} + (q - p)^2$ ; use  $p = 2\frac{2}{17}$ , and  $q = 10\frac{2}{3}$   $75\frac{4649}{10404}$
- 745)  $19 - 20 \div (y(y - z))$ ; use  $y = 19\frac{1}{4}$ , and  $z = 2\frac{1}{6}$   $18\frac{2965}{3157}$
- 746)  $b + 4 + a + \frac{b}{13}$ ; use  $a = 5\frac{9}{13}$ , and  $b = 4\frac{1}{19}$   $14\frac{14}{247}$  747)  $15\left(x - \left(x - \frac{y}{x}\right)\right)$ ; use  $x = 9\frac{1}{6}$ , and  $y = 1\frac{3}{10}$   $2\frac{7}{55}$
- 748)  $15 + hj + 2 + h$ ; use  $h = 2\frac{4}{5}$ , and  $j = 16$   $64\frac{3}{5}$
- 749)  $q - (p + p - q) \div 19$ ; use  $p = 9\frac{4}{9}$ , and  $q = 4\frac{1}{7}$   $3\frac{439}{1197}$
- 750)  $(z^2 + x) \div 9x$ ; use  $x = 8\frac{1}{9}$ , and  $z = 5\frac{1}{10}$   $\frac{30709}{65700}$  751)  $m \times \frac{m}{14}(p + m)$ ; use  $m = 2\frac{5}{6}$ , and  $p = 3\frac{2}{7}$   $3\frac{10769}{21168}$
- 752)  $3q - \left(\frac{8}{r} + 14\right)$ ; use  $q = 18\frac{2}{3}$ , and  $r = 1\frac{13}{15}$   $37\frac{5}{7}$  753)  $y - 1 \div (xy)^2$ ; use  $x = 8\frac{7}{9}$ , and  $y = 8\frac{11}{17}$   $-8\frac{54358110}{254738897}$
- 754)  $7 + n - 2 \div (m + m)$ ; use  $m = 7\frac{1}{2}$ , and  $n = 1\frac{5}{14}$   $8\frac{47}{210}$
- 755)  $1 + y \div (xy^2)$ ; use  $x = 4\frac{4}{13}$ , and  $y = 9\frac{1}{3}$   $1\frac{39}{1568}$  756)  $\frac{x}{6} + 7y - y$ ; use  $x = 1\frac{13}{17}$ , and  $y = 5\frac{5}{6}$   $35\frac{5}{17}$
- 757)  $yx + 12^2 - y$ ; use  $x = 3\frac{1}{2}$ , and  $y = 5\frac{7}{15}$   $157\frac{2}{3}$  758)  $z^2 \div (yz - y)$ ; use  $y = 2\frac{1}{2}$ , and  $z = 9\frac{1}{8}$   $4\frac{129}{1300}$
- 759)  $q\left(14 - \frac{p}{2}\right) + p$ ; use  $p = 8\frac{9}{10}$ , and  $q = 3\frac{1}{20}$   $38\frac{11}{400}$
- 760)  $c^3 - \left(a - \frac{b}{19}\right)$ ; use  $a = 1\frac{1}{6}$ ,  $b = 10\frac{1}{2}$ , and  $c = 4\frac{5}{8}$   $98\frac{9269}{29184}$
- 761)  $(17 + j^2) \div h^2$ ; use  $h = 8\frac{8}{17}$ , and  $j = 4\frac{13}{16}$   $\frac{990403}{1769472}$
- 762)  $q - (q - 9) + q + m$ ; use  $m = 10\frac{1}{18}$ , and  $q = 9\frac{1}{6}$   $28\frac{2}{9}$
- 763)  $y(x^2 + z - 5)$ ; use  $x = 3\frac{3}{10}$ ,  $y = 6\frac{4}{15}$ , and  $z = 8\frac{1}{6}$   $88\frac{199}{2250}$
- 764)  $n^2 + \frac{m}{mn}$ ; use  $m = 3\frac{1}{14}$ , and  $n = 10\frac{2}{3}$   $113\frac{251}{288}$
- 765)  $12 + m - (15 - n) \div m$ ; use  $m = 3\frac{3}{14}$ , and  $n = 4\frac{6}{13}$   $11\frac{7663}{8190}$
- 766)  $x - ((5 - z)^2 + z)$ ; use  $x = 9\frac{1}{2}$ , and  $z = 4\frac{9}{20}$   $4\frac{299}{400}$  767)  $(y - y)^3 + \frac{x}{y}$ ; use  $x = 4\frac{3}{14}$ , and  $y = 1\frac{1}{13}$   $3\frac{179}{196}$
- 768)  $x \div x^3 + y + 8$ ; use  $x = 7\frac{7}{10}$ , and  $y = 3\frac{1}{5}$   $11\frac{6429}{29645}$
- 769)  $(y + y + x) \div 3y$ ; use  $x = 10\frac{1}{6}$ , and  $y = 9\frac{11}{20}$   $1\frac{37}{1719}$

770)  $q \div (p - (15 - (19 - p)))$ ; use  $p = 4\frac{1}{3}$ , and  $q = 14$   $3\frac{1}{2}$

771)  $b + 4 + b + 10 - a$ ; use  $a = 6\frac{1}{18}$ , and  $b = 5\frac{9}{13}$   $19\frac{77}{234}$

772)  $16(h - (j + h) \div j)$ ; use  $h = 6\frac{9}{10}$ , and  $j = 2\frac{9}{14}$   $52\frac{116}{185}$

773)  $(m + 12m) \div (p + p)$ ; use  $m = 17$ , and  $p = 1\frac{7}{16}$   $76\frac{20}{23}$

774)  $p - (17 + 3)(m - m)$ ; use  $m = 6\frac{5}{11}$ , and  $p = 9\frac{1}{3}$   $9\frac{1}{3}$

775)  $y - y \div (x + y - 4)$ ; use  $x = 4\frac{3}{14}$ , and  $y = 3\frac{5}{18}$   $2\frac{1343}{3960}$

776)  $m + n + 2 - (n - n)$ ; use  $m = 9\frac{5}{7}$ , and  $n = 3$   $14\frac{5}{7}$  777)  $16x \div (x(x - y))$ ; use  $x = 18$ , and  $y = 1$   $3\frac{40}{41}$

778)  $\frac{xy}{x^2y}$ ; use  $x = 6\frac{5}{18}$ , and  $y = 7\frac{1}{9}$   $\frac{18}{113}$  779)  $y(6x - 5x)$ ; use  $x = 8\frac{1}{7}$ , and  $y = 8\frac{11}{14}$   $71\frac{53}{98}$

780)  $x - x + (y + x)^2$ ; use  $x = 5\frac{2}{3}$ , and  $y = 7\frac{15}{17}$   $183\frac{1498}{2601}$

781)  $p + p - q(p - p)$ ; use  $p = 1\frac{1}{14}$ , and  $q = 9\frac{7}{16}$   $2\frac{1}{7}$

782)  $(18 - x)^2 - (y + x)$ ; use  $x = 9\frac{1}{7}$ , and  $y = 6\frac{3}{11}$   $63\frac{18}{539}$

783)  $a^2 \div (b + a + b)$ ; use  $a = 5\frac{8}{11}$ , and  $b = 1\frac{2}{13}$   $4\frac{347}{4213}$  784)  $(j + hj) \div h^2$ ; use  $h = 2\frac{1}{3}$ , and  $j = 3$   $5\frac{9}{12}$   $2\frac{9}{98}$

785)  $n^2 + 140 + m$ ; use  $m = 7\frac{14}{19}$ , and  $n = 4\frac{11}{17}$   $169\frac{1823}{5491}$

786)  $(9 - y) \div (y + yx)$ ; use  $x = 9\frac{1}{15}$ , and  $y = 3\frac{9}{10}$   $\frac{255}{1963}$

787)  $p \times (m + m + p) \div m$ ; use  $m = 2\frac{1}{3}$ , and  $p = 10\frac{1}{20}$   $63\frac{1083}{2800}$

788)  $\frac{y}{y} + x(y - y)$ ; use  $x = 4\frac{1}{11}$ , and  $y = 6\frac{5}{16}$   $1$

789)  $20 - m + m - (m + n)$ ; use  $m = 3\frac{5}{18}$ , and  $n = 1\frac{9}{14}$   $15\frac{5}{63}$

790)  $13^2 \div (4p - q)$ ; use  $p = 8\frac{2}{7}$ , and  $q = 1\frac{1}{14}$   $5\frac{121}{449}$  791)  $(a + a + 4) \div b^2$ ; use  $a = 1\frac{3}{4}$ , and  $b = 4\frac{5}{11}$   $\frac{1815}{4802}$

792)  $b^2 - 11 - (a + 20)$ ; use  $a = 3\frac{6}{11}$ , and  $b = 13$   $134\frac{5}{11}$

793)  $9 + x + y - (x + x)$ ; use  $x = 7\frac{13}{15}$ , and  $y = 10\frac{3}{8}$   $11\frac{61}{120}$

794)  $q + (16 - 13) \div (20 - m)$ ; use  $m = 4\frac{7}{15}$ , and  $q = 1\frac{1}{4}$   $1\frac{413}{932}$

795)  $15(x + y - (3 + x))$ ; use  $x = 7\frac{3}{8}$ , and  $y = 3\frac{3}{7}$   $6\frac{3}{7}$

796)  $n + m + \frac{nm}{n}$ ; use  $m = 9\frac{1}{12}$ , and  $n = 6\frac{2}{15}$   $24\frac{3}{10}$

- 797)  $(h + 17)(2 + j) - 5$ ; use  $h = 8\frac{2}{15}$ , and  $j = 1\frac{3}{10}$   $77\frac{47}{50}$
- 798)  $11zx \div y^2$ ; use  $x = 8\frac{7}{8}$ ,  $y = 10\frac{6}{11}$ , and  $z = 4\frac{7}{18}$   $3\frac{1652587}{1937664}$
- 799)  $1 + p - 6 \div (q + 4)$ ; use  $p = 4\frac{4}{19}$ , and  $q = 3\frac{5}{12}$   $4\frac{679}{1691}$
- 800)  $p - \left(m + q - \frac{12}{q}\right)$ ; use  $m = 4\frac{3}{4}$ ,  $p = 19\frac{1}{2}$ , and  $q = 9\frac{7}{20}$   $6\frac{639}{935}$
- 801)  $(p + 9 - p - q) \div q$ ; use  $p = \frac{5}{6}$ , and  $q = \frac{7}{17}$   $\frac{146}{7}$
- 802)  $(4(6 - y) - y) \div x$ ; use  $x = \frac{10}{17}$ , and  $y = \frac{9}{5}$   $\frac{51}{2}$
- 803)  $a + c - (c^2 + 8)$ ; use  $a = 12$ , and  $c = \frac{10}{9}$   $\frac{314}{81}$
- 804)  $y + y + y^2 - x$ ; use  $x = 1$ , and  $y = \frac{35}{18}$   $\frac{2161}{324}$
- 805)  $y(y^2 + x^2)$ ; use  $x = 2$ , and  $y = \frac{13}{18}$   $\frac{19045}{5832}$
- 806)  $m - (m + p) \div 18p$ ; use  $m = \frac{17}{14}$ , and  $p = \frac{2}{5}$   $\frac{499}{504}$
- 807)  $11 \div (m + m - (n - m))$ ; use  $m = \frac{23}{17}$ , and  $n = \frac{15}{11}$   $\frac{2057}{504}$
- 808)  $17 \times 11 \div (b - (a - b))$ ; use  $a = \frac{3}{2}$ , and  $b = \frac{3}{2}$   $\frac{374}{3}$
- 809)  $x + (34 - y) \div x$ ; use  $x = \frac{5}{3}$ , and  $y = \frac{9}{5}$   $\frac{1574}{75}$
- 810)  $x\left(15 + 13 - \frac{y}{x}\right)$ ; use  $x = \frac{5}{7}$ , and  $y = \frac{13}{9}$   $\frac{167}{9}$
- 811)  $zx(z - yx)$ ; use  $x = 9$ ,  $y = \frac{5}{8}$ , and  $z = 6$   $\frac{81}{4}$
- 812)  $ba(a^2 - a)$ ; use  $a = 2$ , and  $b = \frac{1}{2}$   $2$
- 813)  $p + 10 - 2 + q - q$ ; use  $p = \frac{13}{18}$ , and  $q = \frac{3}{2}$   $\frac{157}{18}$
- 814)  $(6 + 6 + b) \div (c + b)$ ; use  $b = \frac{3}{2}$ , and  $c = \frac{1}{9}$   $\frac{243}{29}$
- 815)  $y - y + y - \frac{x}{16}$ ; use  $x = \frac{12}{11}$ , and  $y = \frac{6}{13}$   $\frac{225}{572}$
- 816)  $y - \left(\frac{x}{z} - yx\right)$ ; use  $x = \frac{4}{9}$ ,  $y = \frac{10}{13}$ , and  $z = \frac{15}{17}$   $\frac{82}{135}$
- 817)  $7(j + h + j - j)$ ; use  $h = \frac{27}{14}$ , and  $j = \frac{29}{17}$   $\frac{865}{34}$
- 818)  $p + m - \left(p - \frac{p}{m}\right)$ ; use  $m = 1$ , and  $p = \frac{37}{19}$   $\frac{56}{19}$
- 819)  $17 + (y - y) \div x^2$ ; use  $x = 2$ , and  $y = \frac{31}{20}$   $17$
- 820)  $p - \frac{m}{p}(q + m)$ ; use  $m = \frac{3}{14}$ ,  $p = \frac{26}{19}$ , and  $q = \frac{11}{6}$   $\frac{50725}{48412}$
- 821)  $17 - \left(\frac{9}{q} + r + r\right)$ ; use  $q = \frac{15}{14}$ , and  $r = \frac{7}{5}$   $\frac{29}{5}$
- 822)  $(8 + m - (n - n)) \div m$ ; use  $m = \frac{2}{5}$ , and  $n = \frac{5}{3}$   $21$
- 823)  $\frac{x}{19} + \frac{y}{2} - x$ ; use  $x = \frac{4}{7}$ , and  $y = 10$   $\frac{593}{133}$
- 824)  $x \div (y + x + x - y)$ ; use  $x = \frac{7}{4}$ , and  $y = \frac{9}{8}$   $\frac{1}{2}$
- 825)  $(10 - b) \div (b + 2 - a)$ ; use  $a = \frac{4}{5}$ , and  $b = \frac{9}{10}$   $\frac{13}{3}$
- 826)  $\frac{p}{11} + 11 - m^3$ ; use  $m = \frac{36}{19}$ , and  $p = \frac{3}{7}$   $\frac{2237638}{528143}$
- 827)  $y - 1 + x \div x^2$ ; use  $x = \frac{1}{11}$ , and  $y = 4$   $14$
- 828)  $\frac{m}{m} + 11p^2$ ; use  $m = 1$ , and  $p = \frac{3}{2}$   $\frac{103}{4}$
- 829)  $m^2(n^2)^2$ ; use  $m = 2$ , and  $n = \frac{11}{8}$   $\frac{14641}{1024}$

$$830) \frac{q}{p} - p(q - q); \text{ use } p = \frac{1}{2}, \text{ and } q = \frac{10}{9} \quad \frac{20}{9}$$

$$831) j + j + 13 + 20h; \text{ use } h = \frac{2}{9}, \text{ and } j = \frac{3}{2} \quad \frac{184}{9}$$

$$832) z(11 - (10 + x - 1)); \text{ use } x = \frac{5}{3}, \text{ and } z = 16 \quad \frac{16}{3}$$

$$833) 10^2 \div h + \frac{k}{k}; \text{ use } h = \frac{7}{6}, \text{ and } k = \frac{27}{20} \quad \frac{607}{7}$$

$$834) x^3(y + 15 - y); \text{ use } x = \frac{19}{15}, \text{ and } y = \frac{2}{3} \quad \frac{6859}{225}$$

$$835) 5 + h + j^3 + j; \text{ use } h = \frac{1}{2}, \text{ and } j = \frac{23}{16} \quad \frac{40583}{4096}$$

$$836) 16 + 9^2 - (j + h); \text{ use } h = \frac{6}{11}, \text{ and } j = 3 \quad \frac{1028}{11}$$

$$837) x - (x - y - y - y); \text{ use } x = \frac{29}{19}, \text{ and } y = \frac{7}{15} \quad \frac{7}{5}$$

$$838) (z - y)^2 \div 13^2; \text{ use } y = \frac{11}{10}, \text{ and } z = 13 \quad \frac{14161}{16900}$$

$$839) (m + p) \div m^2 + m; \text{ use } m = \frac{34}{19}, \text{ and } p = 1 \quad \frac{58437}{21964}$$

$$840) (n + p) \div (10 - n^2); \text{ use } n = 2, \text{ and } p = \frac{3}{2} \quad \frac{7}{12}$$

$$841) p \div (q + p(p - p)); \text{ use } p = 7, \text{ and } q = \frac{29}{20} \quad \frac{140}{29}$$

$$842) (y - y + yx) \div y; \text{ use } x = 7, \text{ and } y = 2 \quad 7$$

$$843) 10 - (j - j) - h^2; \text{ use } h = 2, \text{ and } j = \frac{9}{11} \quad 6$$

$$844) \frac{a}{b} + 99 - b; \text{ use } a = \frac{15}{8}, \text{ and } b = \frac{1}{3} \quad \frac{2503}{24}$$

$$845) y \div (y + y) + \frac{y}{x}; \text{ use } x = 1, \text{ and } y = \frac{3}{5} \quad \frac{11}{10}$$

$$846) z^2 - x \div (z + x); \text{ use } x = \frac{5}{4}, \text{ and } z = \frac{33}{17} \quad \frac{211748}{62713}$$

$$847) (16 - a - b) \div (b + 2); \text{ use } a = \frac{1}{19}, \text{ and } b = 2 \quad \frac{265}{76}$$

$$848) 13^2 \div m - 3p; \text{ use } m = 1, \text{ and } p = \frac{5}{11} \quad \frac{1844}{11}$$

$$849) m + \frac{m}{n} - (m + 11); \text{ use } m = \frac{5}{8}, \text{ and } n = \frac{1}{18} \quad \frac{1}{4}$$

$$850) h\left(\frac{j}{h} - h\right) + h; \text{ use } h = \frac{2}{5}, \text{ and } j = \frac{18}{11} \quad \frac{516}{275}$$

$$851) 7 \times \frac{q}{p} + q^2; \text{ use } p = \frac{3}{8}, \text{ and } q = \frac{1}{3} \quad \frac{19}{3}$$

$$852) 16y^2 - (y - x); \text{ use } x = 1, \text{ and } y = \frac{8}{5} \quad \frac{1009}{25}$$

$$853) (y - x^2) \div x^3; \text{ use } x = \frac{1}{2}, \text{ and } y = \frac{31}{18} \quad \frac{106}{9}$$

$$854) a - (c - c) + b^2; \text{ use } a = \frac{2}{3}, b = \frac{4}{3}, \text{ and } c = 2 \quad \frac{22}{9}$$

$$855) y(x + x) - \frac{x}{y}; \text{ use } x = \frac{6}{5}, \text{ and } y = 20 \quad \frac{2397}{50}$$

$$856) x + \frac{x}{x} - \frac{x}{y}; \text{ use } x = \frac{6}{5}, \text{ and } y = \frac{30}{19} \quad \frac{36}{25}$$

$$857) n^2(20 - (m + n)); \text{ use } m = \frac{13}{20}, \text{ and } n = \frac{1}{10} \quad \frac{77}{400}$$

$$858) (h + h)^2 \div j^2; \text{ use } h = \frac{11}{17}, \text{ and } j = \frac{3}{2} \quad \frac{1936}{2601}$$

$$859) (13 - 2z) \div (z + y); \text{ use } y = 1, \text{ and } z = \frac{2}{7} \quad \frac{29}{3}$$

$$860) y \div (7 + y)(x + y); \text{ use } x = \frac{7}{4}, \text{ and } y = 1 \quad \frac{11}{32}$$

$$861) \frac{20}{x} + 1 + y + y; \text{ use } x = \frac{23}{13}, \text{ and } y = \frac{16}{13} \quad \frac{4415}{299}$$

$$862) (17(19 - q)) \div (11 + r); \text{ use } q = \frac{19}{20}, \text{ and } r = \frac{4}{3} \quad \frac{18411}{740}$$

$$863) q - (p - (p - p) - 1); \text{ use } p = \frac{20}{13}, \text{ and } q = \frac{4}{3} \quad \frac{31}{39}$$

$$864) (5 - p) \div (p - p + q); \text{ use } p = \frac{7}{9}, \text{ and } q = 13 \quad \frac{38}{117}$$

$$865) 204 - (ba + a); \text{ use } a = 19, \text{ and } b = \frac{4}{17} \quad \frac{3069}{17}$$

$$866) 10 - y - (y + x) - y; \text{ use } x = \frac{3}{2}, \text{ and } y = 1 \quad \frac{11}{2}$$

$$867) p - \left(\frac{m}{p} - m\right) + m; \text{ use } m = \frac{3}{17}, \text{ and } p = \frac{7}{8} \quad \frac{977}{952}$$

$$868) y^3 - \frac{x}{x}; \text{ use } x = \frac{13}{9}, \text{ and } y = 2 \quad 7$$

869)  $(n + m) \div (m - n^2)$ ; use  $m = \frac{24}{13}$ , and  $n = \frac{11}{15}$   $\frac{7545}{3827}$

870)  $(y + x)^2 \div (y + y)$ ; use  $x = 16$ , and  $y = 1$   $\frac{289}{2}$       871)  $p \div (6 - q) - \frac{q}{9}$ ; use  $p = \frac{22}{13}$ , and  $q = \frac{6}{5}$   $\frac{57}{260}$

872)  $y + x + x + 12 + x$ ; use  $x = \frac{11}{10}$ , and  $y = \frac{1}{2}$   $\frac{79}{5}$

873)  $18 - (j - h \div (16 + j))$ ; use  $h = \frac{11}{9}$ , and  $j = \frac{7}{4}$   $\frac{41711}{2556}$

874)  $a + 3 + b + b + b$ ; use  $a = \frac{16}{17}$ , and  $b = \frac{2}{9}$   $\frac{235}{51}$       875)  $x + y + 9^2 - y$ ; use  $x = \frac{5}{6}$ , and  $y = \frac{13}{8}$   $\frac{491}{6}$

876)  $x + 12(15 - y + x)$ ; use  $x = \frac{24}{17}$ , and  $y = \frac{12}{7}$   $\frac{21156}{119}$       877)  $(j + h) \div j - (j + 3)$ ; use  $h = 2$ , and  $j = \frac{1}{3}$   $\frac{11}{3}$

878)  $m - (11 - 9)^2 - n$ ; use  $m = 14$ , and  $n = 1$   $9$       879)  $y + y + x + x - y$ ; use  $x = \frac{15}{13}$ , and  $y = \frac{19}{16}$   $\frac{727}{208}$

880)  $8^2 + m^2 - p$ ; use  $m = \frac{7}{5}$ , and  $p = \frac{2}{3}$   $\frac{4897}{75}$       881)  $18y(z + z) - y$ ; use  $y = \frac{13}{16}$ , and  $z = \frac{1}{9}$   $\frac{39}{16}$

882)  $(m^2(n + n)) \div m$ ; use  $m = 2$ , and  $n = \frac{3}{17}$   $\frac{12}{17}$

883)  $y + 9 - \left(\frac{x}{y} - z\right)$ ; use  $x = \frac{30}{17}$ ,  $y = \frac{12}{11}$ , and  $z = \frac{2}{7}$   $\frac{22931}{2618}$

884)  $r - (p - r + p - p)$ ; use  $p = \frac{13}{7}$ , and  $r = \frac{6}{5}$   $\frac{19}{35}$

885)  $c \times 3c \div (b + a)$ ; use  $a = \frac{17}{10}$ ,  $b = \frac{7}{4}$ , and  $c = \frac{1}{2}$   $\frac{5}{23}$

886)  $h + 8(j - j) + h$ ; use  $h = \frac{8}{7}$ , and  $j = \frac{12}{17}$   $\frac{16}{7}$       887)  $x \div (8yz^2)$ ; use  $x = 2$ ,  $y = \frac{8}{11}$ , and  $z = \frac{22}{13}$   $\frac{169}{1408}$

888)  $m + 14 \div m^2 - n$ ; use  $m = \frac{3}{2}$ , and  $n = \frac{3}{4}$   $\frac{251}{36}$       889)  $2(p - q \div (p + p))$ ; use  $p = 1$ , and  $q = \frac{5}{3}$   $\frac{1}{3}$

890)  $(y + x + x) \div (y + y)$ ; use  $x = \frac{9}{14}$ , and  $y = \frac{1}{3}$   $\frac{17}{7}$

891)  $q \div (p^2(13 + q))$ ; use  $p = \frac{3}{7}$ , and  $q = 3$   $\frac{49}{48}$       892)  $11 - (x - y) - 5 + y$ ; use  $x = \frac{3}{2}$ , and  $y = \frac{3}{2}$   $\frac{15}{2}$

893)  $j\left(18 - \frac{j}{h} - j\right)$ ; use  $h = 1$ , and  $j = \frac{9}{19}$   $\frac{2916}{361}$       894)  $13(y + x + 1 - x)$ ; use  $x = \frac{16}{11}$ , and  $y = \frac{4}{3}$   $\frac{91}{3}$

895)  $m + m + q + p - q$ ; use  $m = \frac{19}{15}$ ,  $p = \frac{36}{19}$ , and  $q = \frac{7}{4}$   $\frac{1262}{285}$

896)  $9x + 11 - yx$ ; use  $x = 2$ , and  $y = 2$   $25$       897)  $\frac{10}{p^2}(p - n)$ ; use  $n = \frac{13}{7}$ , and  $p = 5$   $\frac{44}{35}$

898)  $m \div (m(m + m) + n)$ ; use  $m = \frac{3}{10}$ , and  $n = \frac{8}{7}$   $\frac{105}{463}$

899)  $9 \div (x(y + 5 + y))$ ; use  $x = \frac{1}{3}$ , and  $y = \frac{39}{20}$   $\frac{270}{89}$       900)  $(a^2 - b) \div (a + a)$ ; use  $a = \frac{5}{3}$ , and  $b = \frac{4}{3}$   $\frac{13}{30}$