



Solve each equation.

1) $2\frac{1}{2}r + 1 + 2r = 9\frac{1}{10}$

2) $-\frac{3}{4}m - \frac{11}{4}m = -\frac{7}{2}$

3) $\frac{5}{3}x + 5x = -\frac{35}{3}$

4) $-3\frac{1}{3}n + \frac{1}{3} + 1\frac{1}{2}n = -5\frac{1}{6}$

5) $-2v + \frac{2}{3} + 3\frac{2}{3} = 11\frac{2}{3}$

6) $1\frac{2}{5}n - 2n = \frac{33}{20}$

$$7) -1\frac{1}{3}x - \frac{1}{4} + 2 = 3\frac{1}{12}$$

$$8) \frac{1}{3}b + 3\frac{1}{5} + 1\frac{1}{6} = 3\frac{47}{60}$$

$$9) \frac{5}{6}k - k = \frac{1}{4}$$

$$10) -\frac{6}{5}x + 4x = \frac{133}{15}$$

$$11) x + \frac{1}{5} + \frac{1}{5}x = \frac{3}{5}$$

$$12) -2\frac{4}{5}a + 2\frac{4}{5} + 6 = 16\frac{1}{2}$$

$$13) \frac{3}{2}n + \frac{1}{3}n = 1\frac{1}{10}$$

$$14) 3\frac{5}{6}p - 3\frac{1}{2}p = -\frac{7}{9}$$

$$15) -1\frac{1}{3}m + 1 + \frac{2}{5} = -1\frac{4}{5}$$

$$16) n + 3\frac{4}{5}n = 15\frac{9}{25}$$

$$17) -\frac{3}{5}x + \frac{7}{4} + 2 = 3\frac{9}{20}$$

$$18) b - 2\frac{3}{4} + \frac{3}{2} = -\frac{9}{20}$$

$$19) 2\frac{1}{3}x + \frac{2}{3}x = -10\frac{4}{5}$$

$$20) r - \frac{6}{5} + \frac{5}{6}r = \frac{43}{10}$$

$$21) \frac{1}{3}b + 6 + 1 = \frac{131}{18}$$

$$22) 2\frac{1}{6}n + \frac{2}{3} - 2\frac{1}{3}n = \frac{19}{24}$$

$$23) -\frac{1}{2}v + \frac{11}{6}v = \frac{2}{9}$$

$$24) -3\frac{2}{3}x + \frac{1}{4}x = -2\frac{5}{18}$$

$$25) 3\frac{2}{3}x + \frac{1}{6}x = -1\frac{8}{15}$$

$$26) -\frac{3}{4}k + \frac{5}{3}k = -\frac{11}{8}$$

$$27) a - 1\frac{1}{5} - 3\frac{2}{3}a = \frac{32}{15}$$

$$28) 3\frac{2}{5}n + 1\frac{1}{2}n = -8\frac{23}{40}$$

$$29) 3\frac{3}{5}p - 2\frac{1}{2} - 1\frac{3}{5}p = \frac{1}{6}$$

$$30) \frac{1}{3}x + 2\frac{1}{3} - 3\frac{1}{2}x = -3\frac{17}{36}$$

1) $\left\{1\frac{4}{5}\right\}$

5) $\left\{-3\frac{2}{3}\right\}$

9) $\left\{-1\frac{1}{2}\right\}$

13) $\left\{\frac{3}{5}\right\}$

17) $\left\{\frac{1}{2}\right\}$

21) $\left\{\frac{5}{6}\right\}$

25) $\left\{-\frac{2}{5}\right\}$

29) $\left\{1\frac{1}{3}\right\}$

2) $\{1\}$

6) $\left\{-2\frac{3}{4}\right\}$

10) $\left\{3\frac{1}{6}\right\}$

14) $\left\{-2\frac{1}{3}\right\}$

18) $\left\{\frac{4}{5}\right\}$

22) $\left\{-\frac{3}{4}\right\}$

26) $\left\{-1\frac{1}{2}\right\}$

30) $\left\{1\frac{5}{6}\right\}$

3) $\left\{-1\frac{3}{4}\right\}$

7) $\{-1\}$

11) $\left\{\frac{1}{3}\right\}$

15) $\left\{2\frac{2}{5}\right\}$

19) $\left\{-3\frac{3}{5}\right\}$

23) $\left\{\frac{1}{6}\right\}$

27) $\left\{-1\frac{1}{4}\right\}$

4) $\{3\}$

8) $\left\{-1\frac{3}{4}\right\}$

12) $\left\{-2\frac{3}{4}\right\}$

16) $\left\{3\frac{1}{5}\right\}$

20) $\{3\}$

24) $\left\{\frac{2}{3}\right\}$

28) $\left\{-1\frac{3}{4}\right\}$