



Solve each equation.

$$1) \frac{436}{667} + n = \frac{34970195}{440887}$$

$$2) 40\frac{457}{840} - x = -\frac{1188391}{131880}$$

$$3) b + 71\frac{320}{991} = 70\frac{40804}{236849}$$

$$4) 45\frac{199435}{309084} = v - 26\frac{115}{516}$$

$$5) 987 + k = \frac{990240}{947}$$

$$6) -629\frac{38}{83} = n - \frac{128}{83}$$

$$7) -704 - x = -\frac{12925}{18}$$

$$8) 90\frac{438427}{619411} = \frac{339}{689} + a$$

$$9) -\frac{49}{171} + k = -\frac{1855}{7866}$$

$$10) 76\frac{219}{863} - x = \frac{13545229}{175189}$$

$$11) 61\frac{128}{189} - n = 63\frac{262}{945}$$

$$12) -2\frac{1133}{1330} = p + \frac{61}{38}$$

$$13) 15\frac{15}{362} - x = \frac{13703}{905}$$

$$14) 26\frac{244}{687} - n = 28\frac{2467}{291288}$$

$$15) -794\frac{127}{506} = -793 - m$$

$$16) r + \frac{50}{67} = -1\frac{65}{3953}$$

$$17) \frac{13}{11} - n = -5\frac{709}{4752}$$

$$18) 1\frac{7128}{12341} = \frac{489}{287} + x$$

$$19) b - 35\frac{617}{710} = -\frac{17430187}{511910}$$

$$20) 20\frac{31}{35} - v = 21\frac{2357}{2870}$$

$$21) 89\frac{241}{360} + x = 115\frac{1109}{7740}$$

$$22) -\frac{101923}{795} = -130 + x$$

$$23) 179 - a = 171\frac{764}{865}$$

$$24) 39\frac{15227}{21894} = 38\frac{163}{534} - k$$

$$25) \frac{10235754}{127967} = n + \frac{38}{707}$$

$$26) 37 \frac{41945}{173882} = \frac{758}{383} + x$$

$$27) -\frac{240217}{48314} = 47 \frac{23}{58} - p$$

$$28) -\frac{281}{232} - m = -\frac{139605}{164488}$$

$$29) 83 \frac{646}{881} + x = \frac{14076788}{81933}$$

$$30) r - \frac{884}{557} = -3 \frac{117507}{242852}$$

1)  $\left\{78\frac{439}{661}\right\}$

5)  $\left\{58\frac{625}{947}\right\}$

9)  $\left\{\frac{7}{138}\right\}$

13)  $\left\{-\frac{1}{10}\right\}$

17)  $\left\{6\frac{143}{432}\right\}$

21)  $\left\{25\frac{163}{344}\right\}$

25)  $\left\{79\frac{169}{181}\right\}$

29)  $\left\{88\frac{7}{93}\right\}$

2)  $\left\{49\frac{523}{942}\right\}$

6)  $\{-631\}$

10)  $\left\{-1\frac{13}{203}\right\}$

14)  $\left\{-1\frac{277}{424}\right\}$

18)  $\left\{-\frac{38}{301}\right\}$

22)  $\left\{1\frac{632}{795}\right\}$

26)  $\left\{35\frac{119}{454}\right\}$

30)  $\left\{-1\frac{391}{436}\right\}$

3)  $\left\{-1\frac{36}{239}\right\}$

7)  $\left\{14\frac{1}{18}\right\}$

11)  $\left\{-1\frac{3}{5}\right\}$

15)  $\left\{1\frac{127}{506}\right\}$

19)  $\left\{1\frac{591}{721}\right\}$

23)  $\left\{7\frac{101}{865}\right\}$

27)  $\left\{52\frac{307}{833}\right\}$

4)  $\left\{71\frac{520}{599}\right\}$

8)  $\left\{90\frac{194}{899}\right\}$

12)  $\left\{-1\frac{164}{665}\right\}$

16)  $\left\{-1\frac{45}{59}\right\}$

20)  $\left\{-\frac{537}{574}\right\}$

24)  $\left\{-1\frac{16}{41}\right\}$

28)  $\left\{-\frac{257}{709}\right\}$