

## Assignment

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each equation.**

1)  $-1 + m = 4\frac{7}{11}$

2)  $-1\frac{11}{30} = p - 6\frac{4}{15}$

3)  $m + 1\frac{3}{7} = \frac{263}{91}$

4)  $5\frac{2}{5} + b = 6\frac{2}{15}$

5)  $n + 7\frac{1}{8} = \frac{937}{136}$

6)  $m + \frac{2}{5} = \frac{68}{45}$

7)  $-5\frac{7}{10} = n + \frac{5}{6}$

8)  $\frac{11}{8} + r = \frac{203}{72}$

9)  $v + 2\frac{1}{2} = -8\frac{1}{2}$

10)  $\frac{16}{39} = x + \frac{1}{3}$

11)  $x - 7\frac{5}{16} = -20\frac{5}{16}$

12)  $-3\frac{53}{140} = x - 1\frac{3}{7}$

13)  $\frac{205}{56} = k + 2\frac{2}{7}$

14)  $-1\frac{53}{56} = \frac{9}{8} + n$

15)  $-\frac{23}{18} + n = \frac{71}{18}$

16)  $2\frac{53}{68} = \frac{26}{17} + p$

17)  $-\frac{667}{78} = r - 9\frac{1}{6}$

18)  $-\frac{5}{9} + x = \frac{143}{18}$

19)  $n + 3\frac{14}{15} = \frac{179}{90}$

20)  $-3\frac{25}{36} = -3\frac{17}{18} + k$

21)  $m - 1 = \frac{1}{3}$

22)  $-6\frac{5}{8} + n = -5\frac{9}{104}$

23)  $6\frac{29}{68} = r - 1\frac{14}{17}$

24)  $x - 6\frac{11}{12} = 2\frac{59}{132}$

25)  $p - \frac{4}{7} = -\frac{5}{7}$

26)  $x - 1\frac{1}{3} = -\frac{47}{15}$

27)  $m + 9\frac{3}{16} = 10\frac{63}{80}$

28)  $\frac{4}{5} + m = -\frac{17}{60}$

29)  $a - \frac{13}{8} = -\frac{23}{8}$

30)  $\frac{63}{17} = x + \frac{4}{17}$

31)  $\frac{8}{5} + p = \frac{857}{70}$

32)  $-\frac{5}{4} + n = 8\frac{7}{36}$

33)  $-\frac{151}{22} = r - 6\frac{1}{2}$

34)  $r + \frac{13}{14} = 4\frac{99}{182}$

35)  $b - 1\frac{1}{19} = -\frac{2163}{304}$

36)  $-\frac{1850}{209} = n - 10\frac{3}{11}$

37)  $x - 1\frac{2}{3} = -\frac{107}{39}$

38)  $-29\frac{5}{12} = x - 8\frac{7}{12}$

39)  $2\frac{6}{7} + x = 2\frac{59}{77}$

40)  $-\frac{1}{2} = p + \frac{1}{6}$

41)  $-9\frac{5}{8} = n - 10\frac{15}{16}$

42)  $6\frac{61}{176} = k - \frac{12}{11}$

43)  $\frac{54}{13} = b + 3\frac{2}{13}$

44)  $b + \frac{4}{3} = -\frac{1}{9}$

45)  $\frac{26}{5} = b - 4\frac{14}{15}$

46)  $r + \frac{11}{14} = -2\frac{41}{126}$

47)  $\frac{11}{12} + m = 1\frac{83}{156}$

48)  $x + 14 = \frac{34}{3}$

$$49) m - 3\frac{1}{20} = -\frac{493}{260}$$

$$50) -\frac{31}{42} = -2\frac{1}{6} + r$$

## Assignment

Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each equation.

1)  $-1 + m = 4\frac{7}{11}$   $\left\{5\frac{7}{11}\right\}$

2)  $-1\frac{11}{30} = p - 6\frac{4}{15}$   $\left\{4\frac{9}{10}\right\}$

3)  $m + 1\frac{3}{7} = \frac{263}{91}$   $\left\{1\frac{6}{13}\right\}$

4)  $5\frac{2}{5} + b = 6\frac{2}{15}$   $\left\{\frac{11}{15}\right\}$

5)  $n + 7\frac{1}{8} = \frac{937}{136}$   $\left\{-\frac{4}{17}\right\}$

6)  $m + \frac{2}{5} = \frac{68}{45}$   $\left\{1\frac{1}{9}\right\}$

7)  $-5\frac{7}{10} = n + \frac{5}{6}$   $\left\{-6\frac{8}{15}\right\}$

8)  $\frac{11}{8} + r = \frac{203}{72}$   $\left\{1\frac{4}{9}\right\}$

9)  $v + 2\frac{1}{2} = -8\frac{1}{2}$   
 $\{-11\}$

10)  $\frac{16}{39} = x + \frac{1}{3}$   $\left\{\frac{1}{13}\right\}$

11)  $x - 7\frac{5}{16} = -20\frac{5}{16}$   
 $\{-13\}$

12)  $-3\frac{53}{140} = x - 1\frac{3}{7}$   $\left\{-1\frac{19}{20}\right\}$

13)  $\frac{205}{56} = k + 2\frac{2}{7}$   $\left\{1\frac{3}{8}\right\}$

14)  $-1\frac{53}{56} = \frac{9}{8} + n$   $\left\{-3\frac{1}{14}\right\}$

15)  $-\frac{23}{18} + n = \frac{71}{18}$   $\left\{5\frac{2}{9}\right\}$

16)  $2\frac{53}{68} = \frac{26}{17} + p$   $\left\{1\frac{1}{4}\right\}$

17)  $-\frac{667}{78} = r - 9\frac{1}{6}$   $\left\{8\frac{8}{13}\right\}$

18)  $-\frac{5}{9} + x = \frac{143}{18}$   $\left\{8\frac{1}{2}\right\}$

19)  $n + 3\frac{14}{15} = \frac{179}{90}$   $\left\{-1\frac{17}{18}\right\}$

20)  $-3\frac{25}{36} = -3\frac{17}{18} + k$   $\left\{\frac{1}{4}\right\}$

21)  $m - 1 = \frac{1}{3}$   $\left\{1\frac{1}{3}\right\}$

22)  $-6\frac{5}{8} + n = -5\frac{9}{104}$   $\left\{1\frac{7}{13}\right\}$

23)  $6\frac{29}{68} = r - 1\frac{14}{17} \left\{ \begin{matrix} 8 \\ 4 \end{matrix} \right\}$

24)  $x - 6\frac{11}{12} = 2\frac{59}{132} \left\{ \begin{matrix} 9 \\ 4 \\ 11 \end{matrix} \right\}$

25)  $p - \frac{4}{7} = -\frac{5}{7} \left\{ \begin{matrix} -1 \\ 7 \end{matrix} \right\}$

26)  $x - 1\frac{1}{3} = -\frac{47}{15} \left\{ \begin{matrix} -1 \\ 4 \\ 5 \end{matrix} \right\}$

27)  $m + 9\frac{3}{16} = 10\frac{63}{80} \left\{ \begin{matrix} 1 \\ 3 \\ 5 \end{matrix} \right\}$

28)  $\frac{4}{5} + m = -\frac{17}{60} \left\{ \begin{matrix} -1 \\ 1 \\ 12 \end{matrix} \right\}$

29)  $a - \frac{13}{8} = -\frac{23}{8} \left\{ \begin{matrix} -1 \\ 1 \\ 4 \end{matrix} \right\}$

30)  $\frac{63}{17} = x + \frac{4}{17} \left\{ \begin{matrix} 3 \\ 8 \\ 17 \end{matrix} \right\}$

31)  $\frac{8}{5} + p = \frac{857}{70} \left\{ \begin{matrix} 10 \\ 9 \\ 14 \end{matrix} \right\}$

32)  $-\frac{5}{4} + n = 8\frac{7}{36} \left\{ \begin{matrix} 9 \\ 4 \\ 9 \end{matrix} \right\}$

33)  $-\frac{151}{22} = r - 6\frac{1}{2} \left\{ \begin{matrix} -4 \\ 11 \end{matrix} \right\}$

34)  $r + \frac{13}{14} = 4\frac{99}{182} \left\{ \begin{matrix} 3 \\ 8 \\ 13 \end{matrix} \right\}$

35)  $b - 1\frac{1}{19} = -\frac{2163}{304} \left\{ \begin{matrix} -6 \\ 1 \\ 16 \end{matrix} \right\}$

36)  $-\frac{1850}{209} = n - 10\frac{3}{11} \left\{ \begin{matrix} 1 \\ 8 \\ 19 \end{matrix} \right\}$

37)  $x - 1\frac{2}{3} = -\frac{107}{39} \left\{ \begin{matrix} -1 \\ 1 \\ 13 \end{matrix} \right\}$

38)  $-29\frac{5}{12} = x - 8\frac{7}{12} \left\{ \begin{matrix} -20 \\ 5 \\ 6 \end{matrix} \right\}$

39)  $2\frac{6}{7} + x = 2\frac{59}{77} \left\{ \begin{matrix} -1 \\ 11 \end{matrix} \right\}$

40)  $-\frac{1}{2} = p + \frac{1}{6} \left\{ \begin{matrix} -2 \\ 3 \end{matrix} \right\}$

41)  $-9\frac{5}{8} = n - 10\frac{15}{16} \left\{ \begin{matrix} 1 \\ 5 \\ 16 \end{matrix} \right\}$

42)  $6\frac{61}{176} = k - \frac{12}{11} \left\{ \begin{matrix} 7 \\ 7 \\ 16 \end{matrix} \right\}$

43)  $\frac{54}{13} = b + 3\frac{2}{13}$   
 $\{1\}$

44)  $b + \frac{4}{3} = -\frac{1}{9} \left\{ \begin{matrix} -1 \\ 4 \\ 9 \end{matrix} \right\}$

45)  $\frac{26}{5} = b - 4\frac{14}{15} \left\{ \begin{matrix} 10 \\ 2 \\ 15 \end{matrix} \right\}$

46)  $r + \frac{11}{14} = -2\frac{41}{126} \left\{ \begin{matrix} -3 \\ 1 \\ 9 \end{matrix} \right\}$

47)  $\frac{11}{12} + m = 1\frac{83}{156} \left\{ \begin{matrix} 8 \\ 13 \end{matrix} \right\}$

48)  $x + 14 = \frac{34}{3} \left\{ \begin{matrix} -2 \\ 2 \\ 3 \end{matrix} \right\}$

$$49) m - 3\frac{1}{20} = -\frac{493}{260} \left\{ \begin{array}{l} 1 \\ 2 \\ 13 \end{array} \right\}$$

$$50) -\frac{31}{42} = -2\frac{1}{6} + r \left\{ \begin{array}{l} 1 \\ 3 \\ 7 \end{array} \right\}$$