

## Assignment

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

**Solve each equation.**

1)  $-2\frac{10}{19} + x = -\frac{727}{190}$

2)  $-\frac{393}{40} = -\frac{3}{2}v$

3)  $-\frac{23}{14}a = -\frac{115}{133}$

4)  $-\frac{1153}{132} = r - 6\frac{9}{11}$

5)  $-\frac{533}{63} = r - 6\frac{1}{14}$

6)  $\frac{18x}{151} = -\frac{5}{151}$

7)  $\frac{82}{9}k = \frac{2378}{135}$

8)  $-\frac{5}{6}r = -\frac{5}{4}$

9)  $v - \frac{7}{5} = \frac{409}{90}$

10)  $x - 17 = -\frac{145}{8}$

11)  $\frac{19}{23}r = \frac{2413}{276}$

12)  $\frac{1}{2} = n - \frac{1}{4}$

13)  $\frac{581}{45} = r + 9\frac{11}{18}$

14)  $-\frac{158}{55} = n - \frac{3}{5}$

15)  $-\frac{144}{43} = \frac{18a}{43}$

16)  $\frac{5}{6} = \frac{5b}{54}$

17)  $\frac{260}{209} = \frac{10}{11}x$

18)  $\frac{26}{9}a = \frac{325}{27}$

19)  $\frac{576}{17} = 8v$

20)  $\frac{16}{9} + b = -\frac{2}{9}$

21)  $-\frac{107}{10} = n - 9\frac{9}{10}$

22)  $x + 3\frac{1}{6} = \frac{1}{9}$

## Assignment

Solve each equation.

1)  $-2\frac{10}{19} + x = -\frac{727}{190}$   $\{-\frac{13}{10}\}$

2)  $-\frac{393}{40} = -\frac{3}{2}v$   $\{\frac{131}{20}\}$

3)  $-\frac{23}{14}a = -\frac{115}{133}$   $\{\frac{10}{19}\}$

4)  $-\frac{1153}{132} = r - 6\frac{9}{11}$   $\{-\frac{23}{12}\}$

5)  $-\frac{533}{63} = r - 6\frac{1}{14}$   $\{-\frac{43}{18}\}$

6)  $\frac{18x}{151} = -\frac{5}{151}$   $\{-\frac{5}{18}\}$

7)  $\frac{82}{9}k = \frac{2378}{135}$   $\{\frac{29}{15}\}$

8)  $-\frac{5}{6}r = -\frac{5}{4}$   $\{\frac{3}{2}\}$

9)  $v - \frac{7}{5} = \frac{409}{90}$   $\{\frac{107}{18}\}$

10)  $x - 17 = -\frac{145}{8}$   $\{-\frac{9}{8}\}$

11)  $\frac{19}{23}r = \frac{2413}{276}$   $\{\frac{127}{12}\}$

12)  $\frac{1}{2} = n - \frac{1}{4}$   $\{\frac{3}{4}\}$

13)  $\frac{581}{45} = r + 9\frac{11}{18}$   $\{\frac{33}{10}\}$

14)  $-\frac{158}{55} = n - \frac{3}{5}$   $\{-\frac{25}{11}\}$

15)  $-\frac{144}{43} = \frac{18a}{43}$

16)  $\frac{5}{6} = \frac{5b}{54}$

 $\{-8\}$  $\{9\}$ 

17)  $\frac{260}{209} = \frac{10}{11}x$   $\{\frac{26}{19}\}$

18)  $\frac{26}{9}a = \frac{325}{27}$   $\{\frac{25}{6}\}$

19)  $\frac{576}{17} = 8v$   $\{\frac{72}{17}\}$

20)  $\frac{16}{9} + b = -\frac{2}{9}$

 $\{-2\}$ 

21)  $-\frac{107}{10} = n - 9\frac{9}{10}$   $\{-\frac{4}{5}\}$

22)  $x + 3\frac{1}{6} = \frac{1}{9}$   $\{-\frac{55}{18}\}$

## Assignment

**Solve each equation.**

1)  $-\frac{133}{34} = -\frac{7}{4}x$

2)  $-\frac{499}{120} = x - \frac{5}{8}$

3)  $\frac{6}{11}n = \frac{141}{55}$

4)  $n - \frac{2}{7} = \frac{169}{70}$

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

6)  $\frac{313}{39} = -\frac{2}{3} + k$

7)  $\frac{12}{5}x = -\frac{21}{10}$

8)  $-\frac{204}{11} = \frac{12}{11}n$

9)  $\frac{1887}{50} = \frac{153}{20}m$

10)  $\frac{111}{13} = 8\frac{7}{13} + r$

11)  $\frac{36}{25} = \frac{8}{5}n$

12)  $-\frac{11}{7}x = -\frac{1705}{126}$

13)  $\frac{11n}{80} = \frac{11}{40}$

14)  $\frac{4}{17} = m - \frac{13}{17}$

15)  $-\frac{13}{2} = \frac{13}{5}x$

16)  $v - \frac{5}{8} = \frac{485}{56}$

17)  $\frac{155}{63} = \frac{10}{7}m$

18)  $\frac{1671}{380} = x - \frac{1}{19}$

19)  $-\frac{887}{90} = n - 6\frac{1}{18}$

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

21)  $-\frac{19}{6}x = -\frac{95}{36}$

22)  $-\frac{1}{2}x = -\frac{109}{40}$

## Assignment

Name \_\_\_\_\_

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

**Solve each equation.**

1)  $-\frac{133}{34} = -\frac{7}{4}x$   $\left\{\frac{38}{17}\right\}$

2)  $-\frac{499}{120} = x - \frac{5}{8}$   $\left\{-\frac{53}{15}\right\}$

3)  $\frac{6}{11}n = \frac{141}{55}$   $\left\{\frac{47}{10}\right\}$

4)  $n - \frac{2}{7} = \frac{169}{70}$   $\left\{\frac{27}{10}\right\}$

5)  $-\frac{10}{7} + x = \frac{6}{7}$   $\left\{\frac{16}{7}\right\}$

6)  $\frac{313}{39} = -\frac{2}{3} + k$   $\left\{\frac{113}{13}\right\}$

7)  $\frac{12}{5}x = -\frac{21}{10}$   $\left\{-\frac{7}{8}\right\}$

8)  $-\frac{204}{11} = \frac{12}{11}n$

 $\left\{-17\right\}$ 

9)  $\frac{1887}{50} = \frac{153}{20}m$   $\left\{\frac{74}{15}\right\}$

10)  $\frac{111}{13} = 8\frac{7}{13} + r$

 $\left\{0\right\}$ 

11)  $\frac{36}{25} = \frac{8}{5}n$   $\left\{\frac{9}{10}\right\}$

12)  $-\frac{11}{7}x = -\frac{1705}{126}$   $\left\{\frac{155}{18}\right\}$

13)  $\frac{11n}{80} = \frac{11}{40}$

 $\left\{2\right\}$ 

14)  $\frac{4}{17} = m - \frac{13}{17}$

 $\left\{1\right\}$ 

15)  $-\frac{13}{2} = \frac{13}{5}x$   $\left\{-\frac{5}{2}\right\}$

16)  $v - \frac{5}{8} = \frac{485}{56}$   $\left\{\frac{65}{7}\right\}$

17)  $\frac{155}{63} = \frac{10}{7}m$   $\left\{\frac{31}{18}\right\}$

18)  $\frac{1671}{380} = x - \frac{1}{19}$   $\left\{\frac{89}{20}\right\}$

19)  $-\frac{887}{90} = n - 6\frac{1}{18}$   $\left\{-\frac{19}{5}\right\}$

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

 $\left\{-1\right\}$ 

21)  $-\frac{19}{6}x = -\frac{95}{36}$   $\left\{\frac{5}{6}\right\}$

22)  $-\frac{1}{2}x = -\frac{109}{40}$   $\left\{\frac{109}{20}\right\}$

## Assignment

**Solve each equation.**

1)  $p + \frac{17}{10} = \frac{29}{70}$

2)  $-\frac{7}{8}n = \frac{35}{24}$

3)  $-\frac{77}{90} = -\frac{11}{9}x$

4)  $x + \frac{1}{7} = \frac{370}{91}$

5)  $n + 10\frac{1}{2} = \frac{321}{34}$

6)  $p + \frac{27}{19} = \frac{3236}{285}$

7)  $\frac{592}{665} = \frac{16x}{133}$

8)  $n - \frac{5}{9} = \frac{1}{9}$

9)  $b + \frac{1}{4} = \frac{61}{4}$

10)  $\frac{907}{171} = v + 1\frac{7}{9}$

11)  $n + \frac{6}{11} = -\frac{5}{11}$

12)  $-\frac{601}{380} = n - 1\frac{19}{20}$

13)  $x - 9\frac{5}{7} = -\frac{197}{70}$

14)  $\frac{133}{3} = -\frac{19}{6}r$

15)  $-3 = 2x$

16)  $\frac{3}{4} + k = \frac{153}{20}$

17)  $-\frac{2}{9} = \frac{4}{3}n$

18)  $-\frac{49}{54} = \frac{7}{18}b$

19)  $x - \frac{3}{5} = -\frac{54}{65}$

20)  $\frac{3}{34}a = -\frac{9}{85}$

21)  $-\frac{146}{85} = \frac{2}{5} + p$

22)  $-\frac{960}{91} = -\frac{12}{7}x$

## Assignment

**Solve each equation.**

1)  $p + \frac{17}{10} = \frac{29}{70}$   $\{-\frac{9}{7}\}$

2)  $-\frac{7}{8}n = \frac{35}{24}$   $\{-\frac{5}{3}\}$

3)  $-\frac{77}{90} = -\frac{11}{9}x$   $\{\frac{7}{10}\}$

4)  $x + \frac{1}{7} = \frac{370}{91}$   $\{\frac{51}{13}\}$

5)  $n + 10\frac{1}{2} = \frac{321}{34}$   $\{-\frac{18}{17}\}$

6)  $p + \frac{27}{19} = \frac{3236}{285}$   $\{\frac{149}{15}\}$

7)  $\frac{592}{665} = \frac{16x}{133}$   $\{\frac{37}{5}\}$

8)  $n - \frac{5}{9} = \frac{1}{9}$   $\{\frac{2}{3}\}$

9)  $b + \frac{1}{4} = \frac{61}{4}$   
 $\{15\}$

10)  $\frac{907}{171} = v + 1\frac{7}{9}$   $\{\frac{67}{19}\}$

11)  $n + \frac{6}{11} = -\frac{5}{11}$   
 $\{-1\}$

12)  $-\frac{601}{380} = n - 1\frac{19}{20}$   $\{\frac{7}{19}\}$

13)  $x - 9\frac{5}{7} = -\frac{197}{70}$   $\{\frac{69}{10}\}$

14)  $\frac{133}{3} = -\frac{19}{6}r$   
 $\{-14\}$

15)  $-3 = 2x$   $\{-\frac{3}{2}\}$

16)  $\frac{3}{4} + k = \frac{153}{20}$   $\{\frac{69}{10}\}$

17)  $-\frac{2}{9} = \frac{4}{3}n$   $\{-\frac{1}{6}\}$

18)  $-\frac{49}{54} = \frac{7}{18}b$   $\{-\frac{7}{3}\}$

19)  $x - \frac{3}{5} = -\frac{54}{65}$   $\{-\frac{3}{13}\}$

20)  $\frac{3}{34}a = -\frac{9}{85}$   $\{-\frac{6}{5}\}$

21)  $-\frac{146}{85} = \frac{2}{5} + p$   $\{-\frac{36}{17}\}$

22)  $-\frac{960}{91} = -\frac{12}{7}x$   $\{\frac{80}{13}\}$

## Assignment

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

**Solve each equation.**

1)  $0 = -\frac{6}{11}m$

2)  $-\frac{11}{14}x = -\frac{99}{140}$

3)  $\frac{40}{9} = x + 6$

4)  $\frac{11}{9} = \frac{x}{4}$

5)  $\frac{16x}{117} = -\frac{148}{351}$

6)  $\frac{8}{3} = -2x$

7)  $-\frac{31}{14} = r - \frac{1}{2}$

8)  $k + \frac{26}{19} = \frac{23}{19}$

9)  $-\frac{11}{12}k = -\frac{11}{36}$

10)  $4 = 2n$

11)  $n + 8\frac{17}{18} = \frac{541}{90}$

12)  $-\frac{1}{3} + n = \frac{25}{18}$

13)  $4x = 28$

14)  $-\frac{3}{13} = \frac{6}{13}b$

15)  $\frac{a}{9} = \frac{1}{9}$

16)  $\frac{18}{67}x = \frac{648}{871}$

17)  $-\frac{41}{84} = b - \frac{4}{7}$

18)  $-\frac{25}{9} = n - 1$

19)  $-\frac{9}{14}n = -\frac{531}{140}$

20)  $x - 11 = -\frac{163}{15}$

21)  $\frac{19a}{82} = \frac{133}{1476}$

22)  $\frac{7}{3}v = -\frac{203}{27}$

## Assignment

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

Solve each equation.

1)  $0 = -\frac{6}{11}m$

 $\{0\}$ 

2)  $-\frac{11}{14}x = -\frac{99}{140}$   $\{\frac{9}{10}\}$

3)  $\frac{40}{9} = x + 6$   $\{-\frac{14}{9}\}$

4)  $\frac{11}{9} = \frac{x}{4}$   $\{\frac{44}{9}\}$

5)  $\frac{16x}{117} = -\frac{148}{351}$   $\{-\frac{37}{12}\}$

6)  $\frac{8}{3} = -2x$   $\{-\frac{4}{3}\}$

7)  $-\frac{31}{14} = r - \frac{1}{2}$   $\{-\frac{12}{7}\}$

8)  $k + \frac{26}{19} = \frac{23}{19}$   $\{-\frac{3}{19}\}$

9)  $-\frac{11}{12}k = -\frac{11}{36}$   $\{\frac{1}{3}\}$

10)  $4 = 2n$   
 $\{2\}$

11)  $n + 8\frac{17}{18} = \frac{541}{90}$   $\{-\frac{44}{15}\}$

12)  $-\frac{1}{3} + n = \frac{25}{18}$   $\{\frac{31}{18}\}$

13)  $4x = 28$   
 $\{7\}$

14)  $-\frac{3}{13} = \frac{6}{13}b$   $\{-\frac{1}{2}\}$

15)  $\frac{a}{9} = \frac{1}{9}$

 $\{1\}$ 

16)  $\frac{18}{67}x = \frac{648}{871}$   $\{\frac{36}{13}\}$

17)  $-\frac{41}{84} = b - \frac{4}{7}$   $\{\frac{1}{12}\}$

18)  $-\frac{25}{9} = n - 1$   $\{-\frac{16}{9}\}$

19)  $-\frac{9}{14}n = -\frac{531}{140}$   $\{\frac{59}{10}\}$

20)  $x - 11 = -\frac{163}{15}$   $\{\frac{2}{15}\}$

21)  $\frac{19a}{82} = \frac{133}{1476}$   $\{\frac{7}{18}\}$

22)  $\frac{7}{3}v = -\frac{203}{27}$   $\{-\frac{29}{9}\}$



## Assignment

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

**Solve each equation.**

1)  $\frac{171}{20}v = \frac{19}{20}$

2)  $\frac{23}{4}m = \frac{1909}{72}$

3)  $x - \frac{37}{20} = -\frac{31}{60}$

4)  $-\frac{29}{36} = r - 9\frac{5}{9}$

5)  $\frac{m}{3} = \frac{11}{48}$

6)  $\frac{749}{600} = \frac{7n}{60}$

7)  $\frac{5}{8} = m - \frac{11}{8}$

8)  $-\frac{1813}{90} = x - \frac{59}{18}$

9)  $-\frac{73}{49} = \frac{73}{7}n$

10)  $-\frac{11}{7} + r = -\frac{188}{35}$

11)  $-3n = \frac{7}{3}$

12)  $-\frac{1}{18} = m - \frac{13}{18}$

13)  $\frac{77}{10}n = 0$

14)  $-2 + r = 0$

15)  $\frac{10}{13}v = \frac{105}{13}$

16)  $\frac{25}{14}v = \frac{125}{56}$

17)  $\frac{4}{13} + n = \frac{179}{117}$

18)  $\frac{6a}{29} = \frac{19}{58}$

19)  $\frac{7n}{48} = \frac{7}{76}$

20)  $n + \frac{5}{4} = \frac{29}{36}$

21)  $\frac{3}{2}x = -\frac{5}{6}$

22)  $b + \frac{1}{4} = \frac{419}{44}$

## Assignment

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

**Solve each equation.**

1)  $\frac{171}{20}v = \frac{19}{20} \left\{ \frac{1}{9} \right\}$

2)  $\frac{23}{4}m = \frac{1909}{72} \left\{ \frac{83}{18} \right\}$

3)  $x - \frac{37}{20} = -\frac{31}{60} \left\{ \frac{4}{3} \right\}$

4)  $-\frac{29}{36} = r - 9\frac{5}{9} \left\{ \frac{35}{4} \right\}$

5)  $\frac{m}{3} = \frac{11}{48} \left\{ \frac{11}{16} \right\}$

6)  $\frac{749}{600} = \frac{7n}{60} \left\{ \frac{107}{10} \right\}$

7)  $\frac{5}{8} = m - \frac{11}{8}$

8)  $-\frac{1813}{90} = x - \frac{59}{18} \left\{ -\frac{253}{15} \right\}$

 $\{2\}$ 

9)  $-\frac{73}{49} = \frac{73}{7}n \left\{ -\frac{1}{7} \right\}$

10)  $-\frac{11}{7} + r = -\frac{188}{35} \left\{ -\frac{19}{5} \right\}$

11)  $-3n = \frac{7}{3} \left\{ -\frac{7}{9} \right\}$

12)  $-\frac{1}{18} = m - \frac{13}{18} \left\{ \frac{2}{3} \right\}$

13)  $\frac{77}{10}n = 0$

14)  $-2 + r = 0$

 $\{0\}$  $\{2\}$ 

15)  $\frac{10}{13}v = \frac{105}{13} \left\{ \frac{21}{2} \right\}$

16)  $\frac{25}{14}v = \frac{125}{56} \left\{ \frac{5}{4} \right\}$

17)  $\frac{4}{13} + n = \frac{179}{117} \left\{ \frac{11}{9} \right\}$

18)  $\frac{6a}{29} = \frac{19}{58} \left\{ \frac{19}{12} \right\}$

19)  $\frac{7n}{48} = \frac{7}{76} \left\{ \frac{12}{19} \right\}$

20)  $n + \frac{5}{4} = \frac{29}{36} \left\{ -\frac{4}{9} \right\}$

21)  $\frac{3}{2}x = -\frac{5}{6} \left\{ -\frac{5}{9} \right\}$

22)  $b + \frac{1}{4} = \frac{419}{44} \left\{ \frac{102}{11} \right\}$

## Assignment

**Solve each equation.**

1)  $\frac{9}{13} = \frac{9}{13}n$

2)  $\frac{2719}{190} = r + 4\frac{4}{19}$

3)  $-\frac{23}{30} = -\frac{3}{5}p$

4)  $-\frac{7}{3}x = -\frac{1253}{60}$

5)  $\frac{14}{5} = \frac{7}{5}x$

6)  $-\frac{29}{18} = -\frac{2}{3} + r$

7)  $-\frac{161}{9} = -7x$

8)  $\frac{3}{5}v = -\frac{3}{10}$

9)  $\frac{11}{6} + m = \frac{125}{6}$

10)  $\frac{9a}{22} = \frac{585}{187}$

11)  $\frac{17}{20}x = -\frac{323}{20}$

12)  $m + 3\frac{14}{15} = \frac{293}{60}$

13)  $-\frac{219}{77} = x - 2\frac{3}{11}$

14)  $\frac{3}{2}k = \frac{9}{7}$

15)  $\frac{1}{6} + p = -\frac{527}{114}$

16)  $\frac{20a}{51} = -\frac{460}{867}$

17)  $\frac{7}{6}x = \frac{7}{5}$

18)  $\frac{29}{21} = \frac{5}{7} + x$

19)  $\frac{27}{13} = \frac{18}{13}n$

20)  $-\frac{19}{16}n = -\frac{323}{16}$

21)  $\frac{45}{112} = -1\frac{2}{7} + n$

22)  $-\frac{25}{68} = \frac{5}{4}v$

## Assignment

Solve each equation.

1)  $\frac{9}{13} = \frac{9}{13}n$

 $\{1\}$ 

2)  $\frac{2719}{190} = r + 4\frac{4}{19} \left\{ \frac{101}{10} \right\}$

3)  $-\frac{23}{30} = -\frac{3}{5}p \left\{ \frac{23}{18} \right\}$

4)  $-\frac{7}{3}x = -\frac{1253}{60} \left\{ \frac{179}{20} \right\}$

5)  $\frac{14}{5} = \frac{7}{5}x$

 $\{2\}$ 

6)  $-\frac{29}{18} = -\frac{2}{3} + r \left\{ -\frac{17}{18} \right\}$

7)  $-\frac{161}{9} = -7x \left\{ \frac{23}{9} \right\}$

8)  $\frac{3}{5}v = -\frac{3}{10} \left\{ -\frac{1}{2} \right\}$

9)  $\frac{11}{6} + m = \frac{125}{6}$

 $\{19\}$ 

10)  $\frac{9a}{22} = \frac{585}{187} \left\{ \frac{130}{17} \right\}$

11)  $\frac{17}{20}x = -\frac{323}{20}$

 $\{-19\}$ 

12)  $m + 3\frac{14}{15} = \frac{293}{60} \left\{ \frac{19}{20} \right\}$

13)  $-\frac{219}{77} = x - 2\frac{3}{11} \left\{ -\frac{4}{7} \right\}$

14)  $\frac{3}{2}k = \frac{9}{7} \left\{ \frac{6}{7} \right\}$

15)  $\frac{1}{6} + p = -\frac{527}{114} \left\{ -\frac{91}{19} \right\}$

16)  $\frac{20a}{51} = -\frac{460}{867} \left\{ -\frac{23}{17} \right\}$

17)  $\frac{7}{6}x = \frac{7}{5} \left\{ \frac{6}{5} \right\}$

18)  $\frac{29}{21} = \frac{5}{7} + x \left\{ \frac{2}{3} \right\}$

19)  $\frac{27}{13} = \frac{18}{13}n \left\{ \frac{3}{2} \right\}$

20)  $-\frac{19}{16}n = -\frac{323}{16}$

 $\{17\}$ 

21)  $\frac{45}{112} = -1\frac{2}{7} + n \left\{ \frac{27}{16} \right\}$

22)  $-\frac{25}{68} = \frac{5}{4}v \left\{ -\frac{5}{17} \right\}$

## Assignment

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

**Solve each equation.**

1)  $-\frac{731}{132} = n - \frac{37}{12}$

2)  $\frac{83}{18}n = \frac{1411}{90}$

3)  $\frac{91}{228} = \frac{13}{19}x$

4)  $\frac{2x}{7} = \frac{10}{77}$

5)  $-\frac{17}{6} = n - 2$

6)  $\frac{3}{20} + n = \frac{1139}{260}$

7)  $-\frac{665}{128} = \frac{35}{16}y$

8)  $-\frac{23}{12}n = -\frac{253}{72}$

9)  $\frac{64}{11}a = \frac{64}{7}$

10)  $x - 5\frac{7}{15} = -\frac{13}{10}$

11)  $-\frac{432}{209} = x - 2\frac{3}{19}$

12)  $\frac{5}{3}a = \frac{80}{51}$

13)  $-\frac{7}{13}n = \frac{147}{208}$

14)  $-\frac{71}{72} = -\frac{11}{8} + p$

15)  $\frac{3}{2}a = \frac{1}{2}$

16)  $\frac{17}{20} = \frac{17}{10}m$

17)  $\frac{113}{14}p = \frac{8023}{224}$

18)  $\frac{109}{170} = \frac{109}{10}a$

19)  $\frac{25}{12} = m - 1$

20)  $\frac{17}{13}b = \frac{187}{26}$

21)  $\frac{161}{60} = n + 2\frac{1}{10}$

22)  $b - \frac{13}{7} = \frac{185}{21}$

## Assignment

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

Solve each equation.

1)  $-\frac{731}{132} = n - \frac{37}{12} \left\{ -\frac{27}{11} \right\}$

2)  $\frac{83}{18}n = \frac{1411}{90} \left\{ \frac{17}{5} \right\}$

3)  $\frac{91}{228} = \frac{13}{19}x \left\{ \frac{7}{12} \right\}$

4)  $\frac{2x}{7} = \frac{10}{77} \left\{ \frac{5}{11} \right\}$

5)  $-\frac{17}{6} = n - 2 \left\{ -\frac{5}{6} \right\}$

6)  $\frac{3}{20} + n = \frac{1139}{260} \left\{ \frac{55}{13} \right\}$

7)  $-\frac{665}{128} = \frac{35}{16}y \left\{ -\frac{19}{8} \right\}$

8)  $-\frac{23}{12}n = -\frac{253}{72} \left\{ \frac{11}{6} \right\}$

9)  $\frac{64}{11}a = \frac{64}{7} \left\{ \frac{11}{7} \right\}$

10)  $x - 5\frac{7}{15} = -\frac{13}{10} \left\{ \frac{25}{6} \right\}$

11)  $-\frac{432}{209} = x - 2\frac{3}{19} \left\{ \frac{1}{11} \right\}$

12)  $\frac{5}{3}a = \frac{80}{51} \left\{ \frac{16}{17} \right\}$

13)  $-\frac{7}{13}n = \frac{147}{208} \left\{ -\frac{21}{16} \right\}$

14)  $-\frac{71}{72} = -\frac{11}{8} + p \left\{ \frac{7}{18} \right\}$

15)  $\frac{3}{2}a = \frac{1}{2} \left\{ \frac{1}{3} \right\}$

16)  $\frac{17}{20} = \frac{17}{10}m \left\{ \frac{1}{2} \right\}$

17)  $\frac{113}{14}p = \frac{8023}{224} \left\{ \frac{71}{16} \right\}$

18)  $\frac{109}{170} = \frac{109}{10}a \left\{ \frac{1}{17} \right\}$

19)  $\frac{25}{12} = m - 1 \left\{ \frac{37}{12} \right\}$

20)  $\frac{17}{13}b = \frac{187}{26} \left\{ \frac{11}{2} \right\}$

21)  $\frac{161}{60} = n + 2\frac{1}{10} \left\{ \frac{7}{12} \right\}$

22)  $b - \frac{13}{7} = \frac{185}{21} \left\{ \frac{32}{3} \right\}$

## Assignment

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

**Solve each equation.**

1)  $\frac{19}{21}p = \frac{95}{112}$

2)  $n - \frac{19}{15} = -\frac{1039}{240}$

3)  $-\frac{3}{95} = \frac{3}{5}p$

4)  $m - \frac{11}{20} = -\frac{7}{20}$

5)  $a - 1 = -\frac{7}{8}$

6)  $\frac{1}{10} = \frac{2}{5}p$

7)  $\frac{51}{10} = n - 1\frac{5}{6}$

8)  $-\frac{509}{90} = r - 3\frac{14}{15}$

9)  $a - 9\frac{16}{17} = -\frac{13}{68}$

10)  $7\frac{3}{16} + x = \frac{421}{112}$

11)  $v - 9\frac{3}{4} = -\frac{43}{4}$

12)  $\frac{7}{17}a = -\frac{112}{289}$

13)  $-\frac{90}{19} = \frac{27}{19}p$

14)  $\frac{1193}{117} = n + \frac{17}{13}$

15)  $m - \frac{67}{18} = \frac{1157}{342}$

16)  $\frac{323}{35} = \frac{13}{14} + n$

17)  $\frac{1161}{272} = \frac{9}{17}n$

18)  $\frac{19}{33}n = \frac{19}{44}$

19)  $x - \frac{26}{7} = \frac{646}{105}$

20)  $295 = 19n$

21)  $-\frac{3}{8}v = -\frac{3}{16}$

22)  $x - \frac{14}{15} = -\frac{269}{15}$

## Assignment

Solve each equation.

1)  $\frac{19}{21}p = \frac{95}{112} \left\{ \frac{15}{16} \right\}$

2)  $n - \frac{19}{15} = -\frac{1039}{240} \left\{ -\frac{49}{16} \right\}$

3)  $-\frac{3}{95} = \frac{3}{5}p \left\{ -\frac{1}{19} \right\}$

4)  $m - \frac{11}{20} = -\frac{7}{20} \left\{ \frac{1}{5} \right\}$

5)  $a - 1 = -\frac{7}{8} \left\{ \frac{1}{8} \right\}$

6)  $\frac{1}{10} = \frac{2}{5}p \left\{ \frac{1}{4} \right\}$

7)  $\frac{51}{10} = n - 1\frac{5}{6} \left\{ \frac{104}{15} \right\}$

8)  $-\frac{509}{90} = r - 3\frac{14}{15} \left\{ -\frac{31}{18} \right\}$

9)  $a - 9\frac{16}{17} = -\frac{13}{68} \left\{ \frac{39}{4} \right\}$

10)  $7\frac{3}{16} + x = \frac{421}{112} \left\{ -\frac{24}{7} \right\}$

11)  $v - 9\frac{3}{4} = -\frac{43}{4}$

12)  $\frac{7}{17}a = -\frac{112}{289} \left\{ -\frac{16}{17} \right\}$

 $\{-1\}$ 

13)  $-\frac{90}{19} = \frac{27}{19}p \left\{ -\frac{10}{3} \right\}$

14)  $\frac{1193}{117} = n + \frac{17}{13} \left\{ \frac{80}{9} \right\}$

15)  $m - \frac{67}{18} = \frac{1157}{342} \left\{ \frac{135}{19} \right\}$

16)  $\frac{323}{35} = \frac{13}{14} + n \left\{ \frac{83}{10} \right\}$

17)  $\frac{1161}{272} = \frac{9}{17}n \left\{ \frac{129}{16} \right\}$

18)  $\frac{19}{33}n = \frac{19}{44} \left\{ \frac{3}{4} \right\}$

19)  $x - \frac{26}{7} = \frac{646}{105} \left\{ \frac{148}{15} \right\}$

20)  $295 = 19n \left\{ \frac{295}{19} \right\}$

21)  $-\frac{3}{8}v = -\frac{3}{16} \left\{ \frac{1}{2} \right\}$

22)  $x - \frac{14}{15} = -\frac{269}{15}$

 $\{-17\}$



## Assignment

**Solve each equation.**

1)  $\frac{233}{40} = n - \frac{15}{8}$

2)  $\frac{19}{13}r = -\frac{437}{208}$

3)  $-1\frac{5}{8} + n = \frac{691}{136}$

4)  $b - \frac{4}{15} = \frac{183}{20}$

5)  $-\frac{305}{198} = a - \frac{20}{11}$

6)  $\frac{n}{8} = -\frac{3}{20}$

7)  $\frac{5}{16} = k + \frac{5}{16}$

8)  $\frac{5}{3}n = \frac{225}{17}$

9)  $x - 3\frac{4}{15} = -\frac{59}{15}$

10)  $-\frac{18}{11}p = \frac{24}{11}$

11)  $r + 1\frac{1}{2} = \frac{5}{2}$

12)  $-\frac{395}{54} = -\frac{5}{3}x$

13)  $n + 8\frac{13}{14} = \frac{271}{28}$

14)  $-\frac{277}{45} = x - 10\frac{1}{10}$

15)  $\frac{224}{15} = 14 + p$

16)  $\frac{23}{13}k = \frac{23}{7}$

17)  $\frac{13}{7}k = -\frac{13}{20}$

18)  $-14x = -\frac{147}{10}$

19)  $x + 9\frac{9}{14} = 11$

20)  $n - \frac{11}{8} = -\frac{11}{8}$

21)  $-\frac{19}{8} = x - \frac{9}{8}$

22)  $\frac{1120}{81} = \frac{14}{9}a$

## Assignment

Solve each equation.

1)  $\frac{233}{40} = n - \frac{15}{8}$   $\left\{\frac{77}{10}\right\}$

2)  $\frac{19}{13}r = -\frac{437}{208}$   $\left\{-\frac{23}{16}\right\}$

3)  $-1\frac{5}{8} + n = \frac{691}{136}$   $\left\{\frac{114}{17}\right\}$

4)  $b - \frac{4}{15} = \frac{183}{20}$   $\left\{\frac{113}{12}\right\}$

5)  $-\frac{305}{198} = a - \frac{20}{11}$   $\left\{\frac{5}{18}\right\}$

6)  $\frac{n}{8} = -\frac{3}{20}$   $\left\{-\frac{6}{5}\right\}$

7)  $\frac{5}{16} = k + \frac{5}{16}$

8)  $\frac{5}{3}n = \frac{225}{17}$   $\left\{\frac{135}{17}\right\}$

 $\{0\}$ 

9)  $x - 3\frac{4}{15} = -\frac{59}{15}$   $\left\{-\frac{2}{3}\right\}$

10)  $-\frac{18}{11}p = \frac{24}{11}$   $\left\{-\frac{4}{3}\right\}$

11)  $r + 1\frac{1}{2} = \frac{5}{2}$

12)  $-\frac{395}{54} = -\frac{5}{3}x$   $\left\{\frac{79}{18}\right\}$

 $\{1\}$ 

13)  $n + 8\frac{13}{14} = \frac{271}{28}$   $\left\{\frac{3}{4}\right\}$

14)  $-\frac{277}{45} = x - 10\frac{1}{10}$   $\left\{\frac{71}{18}\right\}$

15)  $\frac{224}{15} = 14 + p$   $\left\{\frac{14}{15}\right\}$

16)  $\frac{23}{13}k = \frac{23}{7}$   $\left\{\frac{13}{7}\right\}$

17)  $\frac{13}{7}k = -\frac{13}{20}$   $\left\{-\frac{7}{20}\right\}$

18)  $-14x = -\frac{147}{10}$   $\left\{\frac{21}{20}\right\}$

19)  $x + 9\frac{9}{14} = 11$   $\left\{\frac{19}{14}\right\}$

20)  $n - \frac{11}{8} = -\frac{11}{8}$

 $\{0\}$ 

21)  $-\frac{19}{8} = x - \frac{9}{8}$   $\left\{-\frac{5}{4}\right\}$

22)  $\frac{1120}{81} = \frac{14}{9}a$   $\left\{\frac{80}{9}\right\}$

## Assignment

**Solve each equation.**

1)  $\frac{1019}{126} = v + \frac{9}{14}$

2)  $-16 + x = -\frac{31}{2}$

3)  $-\frac{5}{8} = \frac{3}{4}n$

4)  $x + \frac{5}{4} = \frac{753}{68}$

5)  $-\frac{179}{60} = a - \frac{1}{15}$

6)  $x - \frac{2}{3} = -\frac{13}{6}$

7)  $-\frac{40}{407} = -\frac{20}{37}b$

8)  $\frac{9}{100} = \frac{9}{10}m$

9)  $\frac{27}{16} = r + \frac{27}{16}$

10)  $\frac{89}{20}x = -\frac{979}{150}$

11)  $\frac{14x}{107} = \frac{14}{107}$

12)  $-\frac{34}{115} = \frac{12b}{115}$

13)  $-\frac{7}{4} = a - 2$

14)  $\frac{18}{35} = \frac{6}{7}k$

15)  $\frac{107}{91} = n + \frac{12}{7}$

16)  $-\frac{1053}{140} = -\frac{13}{14}n$

17)  $\frac{187}{70} = r + \frac{18}{7}$

18)  $-\frac{783}{140} = \frac{87}{14}b$

19)  $-\frac{5}{7} = b - 1$

20)  $-\frac{97}{180} = v - 6\frac{13}{20}$

21)  $n + \frac{32}{9} = \frac{596}{117}$

22)  $-\frac{36}{17} = b - 2$

## Assignment

Solve each equation.

1)  $\frac{1019}{126} = v + \frac{9}{14} \left\{ \frac{67}{9} \right\}$

2)  $-16 + x = -\frac{31}{2} \left\{ \frac{1}{2} \right\}$

3)  $-\frac{5}{8} = \frac{3}{4}n \left\{ -\frac{5}{6} \right\}$

4)  $x + \frac{5}{4} = \frac{753}{68} \left\{ \frac{167}{17} \right\}$

5)  $-\frac{179}{60} = a - \frac{1}{15} \left\{ -\frac{35}{12} \right\}$

6)  $x - \frac{2}{3} = -\frac{13}{6} \left\{ -\frac{3}{2} \right\}$

7)  $-\frac{40}{407} = -\frac{20}{37}b \left\{ \frac{2}{11} \right\}$

8)  $\frac{9}{100} = \frac{9}{10}m \left\{ \frac{1}{10} \right\}$

9)  $\frac{27}{16} = r + \frac{27}{16}$   
 $\{0\}$

10)  $\frac{89}{20}x = -\frac{979}{150} \left\{ -\frac{22}{15} \right\}$

11)  $\frac{14x}{107} = \frac{14}{107}$   
 $\{1\}$

12)  $-\frac{34}{115} = \frac{12b}{115} \left\{ -\frac{17}{6} \right\}$

13)  $-\frac{7}{4} = a - 2 \left\{ \frac{1}{4} \right\}$

14)  $\frac{18}{35} = \frac{6}{7}k \left\{ \frac{3}{5} \right\}$

15)  $\frac{107}{91} = n + \frac{12}{7} \left\{ -\frac{7}{13} \right\}$

16)  $-\frac{1053}{140} = -\frac{13}{14}n \left\{ \frac{81}{10} \right\}$

17)  $\frac{187}{70} = r + \frac{18}{7} \left\{ \frac{1}{10} \right\}$

18)  $-\frac{783}{140} = \frac{87}{14}b \left\{ -\frac{9}{10} \right\}$

19)  $-\frac{5}{7} = b - 1 \left\{ \frac{2}{7} \right\}$

20)  $-\frac{97}{180} = v - 6\frac{13}{20} \left\{ \frac{55}{9} \right\}$

21)  $n + \frac{32}{9} = \frac{596}{117} \left\{ \frac{20}{13} \right\}$

22)  $-\frac{36}{17} = b - 2 \left\{ -\frac{2}{17} \right\}$