

Name:

Grade:

Date:

Solve each equation.

1) $-3\frac{7}{15}x = -\frac{221}{10}$

2) $\frac{18}{17}p = 7\frac{7}{17}$

3) $\frac{5}{8}x = -\frac{35}{48}$

4) $-\frac{3}{5}n = \frac{111}{95}$

5) $\frac{2a}{5} = \frac{182}{95}$

6) $-\frac{4}{5}k = \frac{12}{13}$

7) $\frac{x}{3} = -\frac{59}{60}$

8) $-1\frac{1}{3}a = \frac{8}{45}$

9) $-5m = \frac{5}{9}$

10) $10\frac{16}{19}n = -86\frac{14}{19}$

Name:

Grade:

Date:

Solve each equation.

$$1) -3\frac{7}{15}x = -\frac{221}{10}$$

$$\left\{6\frac{3}{8}\right\}$$

$$2) \frac{18}{17}p = 7\frac{7}{17}$$

$$\{7\}$$

$$3) \frac{5}{8}x = -\frac{35}{48}$$

$$\left\{-1\frac{1}{6}\right\}$$

$$4) -\frac{3}{5}n = \frac{111}{95}$$

$$\left\{-1\frac{18}{19}\right\}$$

$$5) \frac{2a}{5} = \frac{182}{95}$$

$$\left\{4\frac{15}{19}\right\}$$

$$6) -\frac{4}{5}k = \frac{12}{13}$$

$$\left\{-1\frac{2}{13}\right\}$$

$$7) \frac{x}{3} = -\frac{59}{60}$$

$$\left\{-2\frac{19}{20}\right\}$$

$$8) -1\frac{1}{3}a = \frac{8}{45}$$

$$\left\{-\frac{2}{15}\right\}$$

$$9) -5m = \frac{5}{9}$$

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

$$10) 10\frac{16}{19}n = -86\frac{14}{19}$$

$$\{-8\}$$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{v}{9} = -\frac{7}{9}$

2) $\frac{6n}{19} = 1\frac{125}{247}$

3) $5n = -10$

4) $\frac{3}{5}r = \frac{163}{25}$

5) $\frac{9k}{83} = -\frac{63}{415}$

6) $\frac{2x}{19} = -\frac{6}{19}$

7) $8\frac{1}{6}a = \frac{637}{48}$

8) $3\frac{2}{17}p = -3\frac{69}{136}$

9) $\frac{3x}{26} = -\frac{30}{91}$

10) $\frac{17}{12}n = 2\frac{79}{156}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{v}{9} = -\frac{7}{9}$

$\{-7\}$

2) $\frac{6n}{19} = 1\frac{125}{247}$

$\left\{4\frac{10}{13}\right\}$

3) $5n = -10$

$\{-2\}$

4) $\frac{3}{5}r = \frac{163}{25}$

$\left\{10\frac{13}{15}\right\}$

5) $\frac{9k}{83} = -\frac{63}{415}$

$\left\{-1\frac{2}{5}\right\}$

6) $\frac{2x}{19} = -\frac{6}{19}$

$\{-3\}$

7) $8\frac{1}{6}a = \frac{637}{48}$

$\left\{1\frac{5}{8}\right\}$

8) $3\frac{2}{17}p = -3\frac{69}{136}$

$\left\{-1\frac{1}{8}\right\}$

9) $\frac{3x}{26} = -\frac{30}{91}$

$\left\{-2\frac{6}{7}\right\}$

10) $\frac{17}{12}n = 2\frac{79}{156}$

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

Name:

Grade:

Date:

Solve each equation.

1) $\frac{14r}{235} = -\frac{14}{705}$

2) $\frac{17}{22}x = \frac{17}{132}$

3) $7\frac{2}{5}p = 10\frac{7}{40}$

4) $-3\frac{3}{10}k = \frac{33}{10}$

5) $-\frac{1}{2}x = -\frac{33}{8}$

6) $-1\frac{6}{11}x = \frac{765}{176}$

7) $3\frac{2}{11}k = 1\frac{47}{198}$

8) $\frac{3}{4}x = \frac{35}{16}$

9) $\frac{2x}{7} = 1\frac{19}{28}$

10) $-2x = \frac{1}{4}$

Name:

Grade:

Date:

Solve each equation.

$$1) \frac{14r}{235} = -\frac{14}{705}$$

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

$$2) \frac{17}{22}x = \frac{17}{132}$$

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

$$3) 7\frac{2}{5}p = 10\frac{7}{40}$$

$$\left\{ 1\frac{3}{8} \right\}$$

$$4) -3\frac{3}{10}k = \frac{33}{10}$$

$$\{-1\}$$

$$5) -\frac{1}{2}x = -\frac{33}{8}$$

$$\left\{ 8\frac{1}{4} \right\}$$

$$6) -1\frac{6}{11}x = \frac{765}{176}$$

$$\left\{ -2\frac{13}{16} \right\}$$

$$7) 3\frac{2}{11}k = 1\frac{47}{198}$$

$$\left\{ \frac{7}{18} \right\}$$

$$8) \frac{3}{4}x = \frac{35}{16}$$

$$\left\{ 2\frac{11}{12} \right\}$$

$$9) \frac{2x}{7} = 1\frac{19}{28}$$

$$\left\{ 5\frac{7}{8} \right\}$$

$$10) -2x = \frac{1}{4}$$

$$\left\{ -\frac{1}{8} \right\}$$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{12n}{37} = \frac{46}{111}$

2) $2x = -1\frac{1}{2}$

3) $\frac{5}{2}p = -1\frac{17}{38}$

4) $3\frac{17}{19}n = -\frac{370}{19}$

5) $\frac{2}{3}r = 6\frac{5}{9}$

6) $\frac{6m}{11} = \frac{31}{33}$

7) $-\frac{19}{11}r = -11\frac{17}{33}$

8) $\frac{20x}{67} = \frac{620}{201}$

9) $\frac{10a}{61} = -\frac{5}{61}$

10) $\frac{18n}{139} = 1\frac{1129}{2363}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{12n}{37} = \frac{46}{111}$

$\left\{1\frac{5}{18}\right\}$

2) $2x = -1\frac{1}{2}$

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

3) $\frac{5}{2}p = -1\frac{17}{38}$

$\left\{-\frac{11}{19}\right\}$

4) $3\frac{17}{19}n = -\frac{370}{19}$

$\{-5\}$

5) $\frac{2}{3}r = 6\frac{5}{9}$

$\left\{9\frac{5}{6}\right\}$

6) $\frac{6m}{11} = \frac{31}{33}$

$\left\{1\frac{13}{18}\right\}$

7) $-\frac{19}{11}r = -11\frac{17}{33}$

$\left\{6\frac{2}{3}\right\}$

8) $\frac{20x}{67} = \frac{620}{201}$

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

9) $\frac{10a}{61} = -\frac{5}{61}$

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

10) $\frac{18n}{139} = 1\frac{1129}{2363}$

$\left\{11\frac{7}{17}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{5}{6}n = \frac{205}{33}$

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

3) $-\frac{11}{18}r = -4\frac{137}{216}$

4) $\frac{15x}{76} = -\frac{255}{1064}$

5) $\frac{15}{29}n = -1\frac{1}{4}$

6) $9\frac{6}{19}n = 4\frac{25}{38}$

7) $-\frac{5}{3}b = 1\frac{8}{9}$

8) $\frac{7}{12}v = -\frac{7}{18}$

9) $-\frac{1}{2}r = 0$

10) $\frac{8r}{25} = -\frac{8}{25}$

Name:

Grade:

Date:

Solve each equation.

$$1) \frac{5}{6}n = \frac{205}{33}$$

$$\left\{7 \frac{5}{11}\right\}$$

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

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

$$3) -\frac{11}{18}r = -4 \frac{137}{216}$$

$$\left\{7 \frac{7}{12}\right\}$$

$$4) \frac{15x}{76} = -\frac{255}{1064}$$

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

$$5) \frac{15}{29}n = -1 \frac{1}{4}$$

$$\left\{-2 \frac{5}{12}\right\}$$

$$6) 9 \frac{6}{19}n = 4 \frac{25}{38}$$

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

$$7) -\frac{5}{3}b = 1 \frac{8}{9}$$

$$\left\{-1 \frac{2}{15}\right\}$$

$$8) \frac{7}{12}v = -\frac{7}{18}$$

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

$$9) -\frac{1}{2}r = 0$$

$$\{0\}$$

$$10) \frac{8r}{25} = -\frac{8}{25}$$

$$\{-1\}$$

Name:

Grade:

Date:

Solve each equation.

1) $0 = \frac{13}{12}r$

2) $\frac{171}{64} = -\frac{27}{16}x$

3) $-\frac{247}{250} = \frac{13n}{25}$

4) $-\frac{41}{48} = -\frac{1}{8}x$

5) $\frac{391}{600} = \frac{17k}{60}$

6) $-3\frac{21}{136} = -\frac{13}{8}n$

7) $-\frac{161}{2} = 5\frac{3}{4}x$

8) $\frac{2}{5} = \frac{9x}{40}$

9) $-22\frac{10}{11} = 14r$

10) $-\frac{39}{133} = \frac{3x}{19}$

Name:

Grade:

Date:

Solve each equation.

1) $0 = \frac{13}{12}r$

$\{0\}$

2) $\frac{171}{64} = -\frac{27}{16}x$

$\left\{-1\frac{7}{12}\right\}$

3) $-\frac{247}{250} = \frac{13n}{25}$

$\left\{-1\frac{9}{10}\right\}$

4) $-\frac{41}{48} = -\frac{1}{8}x$

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

5) $\frac{391}{600} = \frac{17k}{60}$

$\left\{2\frac{3}{10}\right\}$

6) $-3\frac{21}{136} = -\frac{13}{8}n$

$\left\{1\frac{16}{17}\right\}$

7) $-\frac{161}{2} = 5\frac{3}{4}x$

$\{-14\}$

8) $\frac{2}{5} = \frac{9x}{40}$

$\left\{1\frac{7}{9}\right\}$

9) $-22\frac{10}{11} = 14r$

$\left\{-1\frac{7}{11}\right\}$

10) $-\frac{39}{133} = \frac{3x}{19}$

$\left\{-1\frac{6}{7}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $-2\frac{8}{65} = \frac{12}{13}x$

2) $-\frac{84}{1045} = \frac{14b}{55}$

3) $-\frac{207}{13} = -\frac{9}{2}b$

4) $\frac{58}{57} = \frac{2n}{19}$

5) $-4 = 2p$

6) $\frac{100}{27} = -2\frac{2}{3}k$

7) $-\frac{21}{190} = -\frac{2}{19}v$

8) $2\frac{6}{7} = \frac{2x}{7}$

9) $-10\frac{31}{36} = -\frac{17}{12}x$

10) $-3\frac{3}{64} = \frac{13}{8}p$

Name:

Grade:

Date:

Solve each equation.

$$1) -2\frac{8}{65} = \frac{12}{13}x$$

$$\left\{-2\frac{3}{10}\right\}$$

$$2) -\frac{84}{1045} = \frac{14b}{55}$$

$$\left\{-\frac{6}{19}\right\}$$

$$3) -\frac{207}{13} = -\frac{9}{2}b$$

$$\left\{3\frac{7}{13}\right\}$$

$$4) \frac{58}{57} = \frac{2n}{19}$$

$$\left\{9\frac{2}{3}\right\}$$

$$5) -4 = 2p$$

$$\{-2\}$$

$$6) \frac{100}{27} = -2\frac{2}{3}k$$

$$\left\{-1\frac{7}{18}\right\}$$

$$7) -\frac{21}{190} = -\frac{2}{19}v$$

$$\left\{1\frac{1}{20}\right\}$$

$$8) 2\frac{6}{7} = \frac{2x}{7}$$

$$\{10\}$$

$$9) -10\frac{31}{36} = -\frac{17}{12}x$$

$$\left\{7\frac{2}{3}\right\}$$

$$10) -3\frac{3}{64} = \frac{13}{8}p$$

$$\left\{-1\frac{7}{8}\right\}$$

Name:

Grade:

Date:

Solve each equation.

1) $-\frac{32}{125} = \frac{16x}{125}$

2) $-\frac{7}{36} = -\frac{1}{3}b$

3) $-119\frac{7}{10} = 6\frac{13}{20}v$

4) $-\frac{95}{156} = -\frac{19}{26}b$

5) $\frac{19}{63} = \frac{19v}{105}$

6) $2\frac{3}{4} = 2n$

7) $11 = 11x$

8) $\frac{20}{21} = \frac{5}{7}n$

9) $-\frac{1}{6} = \frac{2m}{19}$

10) $-\frac{68}{15} = -\frac{17}{5}n$

Name:

Grade:

Date:

Solve each equation.

$$1) -\frac{32}{125} = \frac{16x}{125}$$

$\{-2\}$

$$2) -\frac{7}{36} = -\frac{1}{3}b$$

$\left\{\frac{7}{12}\right\}$

$$3) -119\frac{7}{10} = 6\frac{13}{20}v$$

$\{-18\}$

$$4) -\frac{95}{156} = -\frac{19}{26}b$$

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

$$5) \frac{19}{63} = \frac{19v}{105}$$

$\left\{1\frac{2}{3}\right\}$

$$6) 2\frac{3}{4} = 2n$$

$\left\{1\frac{3}{8}\right\}$

$$7) 11 = 11x$$

$\{1\}$

$$8) \frac{20}{21} = \frac{5}{7}n$$

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

$$9) -\frac{1}{6} = \frac{2m}{19}$$

$\left\{-1\frac{7}{12}\right\}$

$$10) -\frac{68}{15} = -\frac{17}{5}n$$

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

Name:

Grade:

Date:

Solve each equation.

1) $21\frac{14}{19} = 4\frac{8}{19}m$

2) $-\frac{22}{25} = \frac{12n}{25}$

3) $1\frac{11}{18} = \frac{x}{3}$

4) $\frac{5}{22} = \frac{5b}{11}$

5) $0 = \frac{8}{11}a$

6) $\frac{15}{22} = -2\frac{1}{2}n$

7) $\frac{212}{45} = 5\frac{3}{10}p$

8) $1\frac{11}{24} = \frac{5}{4}a$

9) $\frac{147}{40} = -2\frac{1}{10}v$

10) $\frac{129}{254} = \frac{12x}{127}$

Name:

Grade:

Date:

Solve each equation.

$$1) 21 \frac{14}{19} = 4 \frac{8}{19} m$$

$$\left\{ 4 \frac{11}{12} \right\}$$

$$2) -\frac{22}{25} = \frac{12n}{25}$$

$$\left\{ -1 \frac{5}{6} \right\}$$

$$3) 1 \frac{11}{18} = \frac{x}{3}$$

$$\left\{ 4 \frac{5}{6} \right\}$$

$$4) \frac{5}{22} = \frac{5b}{11}$$

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

$$5) 0 = \frac{8}{11} a$$

$$\{0\}$$

$$6) \frac{15}{22} = -2 \frac{1}{2} n$$

$$\left\{ -\frac{3}{11} \right\}$$

$$7) \frac{212}{45} = 5 \frac{3}{10} p$$

$$\left\{ \frac{8}{9} \right\}$$

$$8) 1 \frac{11}{24} = \frac{5}{4} a$$

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

$$9) \frac{147}{40} = -2 \frac{1}{10} v$$

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

$$10) \frac{129}{254} = \frac{12x}{127}$$

$$\left\{ 5 \frac{3}{8} \right\}$$

Name:

Grade:

Date:

Solve each equation.

1) $-\frac{27}{68} = \frac{6}{17}x$

2) $110\frac{11}{12} = 11n$

3) $-\frac{425}{117} = \frac{25}{13}m$

4) $-1\frac{2}{33} = -\frac{7}{11}m$

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

6) $\frac{31}{60} = 3\frac{4}{9}x$

7) $-\frac{5}{38} = \frac{2x}{19}$

8) $\frac{140}{103} = \frac{20n}{103}$

9) $31\frac{1}{5} = 4\frac{2}{5}n$

10) $-1\frac{1}{4} = \frac{x}{12}$

Name:

Grade:

Date:

Solve each equation.

1) $-\frac{27}{68} = \frac{6}{17}x$

$\left\{-1\frac{1}{8}\right\}$

2) $110\frac{11}{12} = 11n$

$\left\{10\frac{1}{12}\right\}$

3) $-\frac{425}{117} = \frac{25}{13}m$

$\left\{-1\frac{8}{9}\right\}$

4) $-1\frac{2}{33} = -\frac{7}{11}m$

$\left\{1\frac{2}{3}\right\}$

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

$\left\{\frac{7}{8}\right\}$

6) $\frac{31}{60} = 3\frac{4}{9}x$

$\left\{\frac{3}{20}\right\}$

7) $-\frac{5}{38} = \frac{2x}{19}$

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

8) $\frac{140}{103} = \frac{20n}{103}$

$\{7\}$

9) $31\frac{1}{5} = 4\frac{2}{5}n$

$\left\{7\frac{1}{11}\right\}$

10) $-1\frac{1}{4} = \frac{x}{12}$

$\{-15\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{2v}{21} = \frac{86}{147}$

2) $-\frac{2}{3}v = -\frac{41}{9}$

3) $6r = 63\frac{9}{10}$

4) $\frac{v}{7} = \frac{6}{49}$

5) $\frac{60}{17} = \frac{5}{2}x$

6) $15\frac{2}{3} = 4\frac{18}{19}n$

7) $35\frac{1}{10} = 7\frac{1}{5}a$

8) $\frac{18x}{185} = \frac{6}{185}$

9) $-19m = 19$

10) $-4\frac{6}{7} = 2x$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{2v}{21} = \frac{86}{147}$

$\left\{6\frac{1}{7}\right\}$

2) $-\frac{2}{3}v = -\frac{41}{9}$

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

3) $6r = 63\frac{9}{10}$

$\left\{10\frac{13}{20}\right\}$

4) $\frac{v}{7} = \frac{6}{49}$

$\left\{\frac{6}{7}\right\}$

5) $\frac{60}{17} = \frac{5}{2}x$

$\left\{1\frac{7}{17}\right\}$

6) $15\frac{2}{3} = 4\frac{18}{19}n$

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

7) $35\frac{1}{10} = 7\frac{1}{5}a$

$\left\{4\frac{7}{8}\right\}$

8) $\frac{18x}{185} = \frac{6}{185}$

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

9) $-19m = 19$

$\{-1\}$

10) $-4\frac{6}{7} = 2x$

$\left\{-2\frac{3}{7}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{21}{82} = \frac{14x}{41}$

2) $-15\frac{121}{135} = -1\frac{11}{18}x$

3) $\frac{2r}{19} = -\frac{10}{57}$

4) $\frac{7n}{73} = \frac{35}{803}$

5) $-\frac{266}{71} = \frac{14b}{71}$

6) $-\frac{4}{7}b = \frac{32}{35}$

7) $\frac{3}{5}r = -\frac{141}{80}$

8) $-\frac{21}{11}b = -2\frac{16}{55}$

9) $-\frac{7}{15} = \frac{1}{5}n$

10) $\frac{23}{12}x = \frac{3427}{192}$

Name:

Grade:

Date:

Solve each equation.

$$1) \frac{21}{82} = \frac{14x}{41}$$

$$\left\{ \frac{3}{4} \right\}$$

$$2) -15 \frac{121}{135} = -1 \frac{11}{18}x$$

$$\left\{ 9 \frac{13}{15} \right\}$$

$$3) \frac{2r}{19} = -\frac{10}{57}$$

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

$$4) \frac{7n}{73} = \frac{35}{803}$$

$$\left\{ \frac{5}{11} \right\}$$

$$5) -\frac{266}{71} = \frac{14b}{71}$$

$$\{-19\}$$

$$6) -\frac{4}{7}b = \frac{32}{35}$$

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

$$7) \frac{3}{5}r = -\frac{141}{80}$$

$$\left\{ -2 \frac{15}{16} \right\}$$

$$8) -\frac{21}{11}b = -2 \frac{16}{55}$$

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

$$9) -\frac{7}{15} = \frac{1}{5}n$$

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

$$10) \frac{23}{12}x = \frac{3427}{192}$$

$$\left\{ 9 \frac{5}{16} \right\}$$

Name:

Grade:

Date:

Solve each equation.

1) $-11p = 0$

2) $5\frac{3}{4}m = \frac{4991}{80}$

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

4) $-\frac{7}{8}x = -\frac{7}{16}$

5) $\frac{1}{13}v = -\frac{5}{39}$

6) $\frac{1}{5}n = \frac{29}{30}$

7) $-2p = 3$

8) $-14\frac{77}{90} = 10\frac{11}{18}x$

9) $\frac{16}{19} = 4n$

10) $\frac{6n}{19} = \frac{246}{361}$

Name:

Grade:

Date:

Solve each equation.

1) $-11p = 0$

$\{0\}$

2) $5\frac{3}{4}m = \frac{4991}{80}$

$\left\{10\frac{17}{20}\right\}$

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

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

4) $-\frac{7}{8}x = -\frac{7}{16}$

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

5) $\frac{1}{13}v = -\frac{5}{39}$

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

6) $\frac{1}{5}n = \frac{29}{30}$

$\left\{4\frac{5}{6}\right\}$

7) $-2p = 3$

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

8) $-14\frac{77}{90} = 10\frac{11}{18}x$

$\left\{-1\frac{2}{5}\right\}$

9) $\frac{16}{19} = 4n$

$\left\{\frac{4}{19}\right\}$

10) $\frac{6n}{19} = \frac{246}{361}$

$\left\{2\frac{3}{19}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $-\frac{1}{5}v = \frac{1}{5}$

2) $\frac{11}{8}x = 3\frac{113}{120}$

3) $\frac{8n}{15} = \frac{28}{45}$

4) $-3\frac{43}{68} = -2\frac{5}{17}r$

5) $1\frac{67}{110} = \frac{18v}{55}$

6) $-\frac{44}{63} = -\frac{4}{7}m$

7) $-\frac{3}{5} = \frac{12n}{35}$

8) $\frac{20}{27}x = -\frac{100}{153}$

9) $\frac{22}{15} = \frac{4b}{5}$

10) $2k = -\frac{18}{5}$

Name:

Grade:

Date:

Solve each equation.

$$1) -\frac{1}{5}v = \frac{1}{5}$$

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

$$2) \frac{11}{8}x = 3\frac{113}{120}$$

$$\left\{2\frac{13}{15}\right\}$$

$$3) \frac{8n}{15} = \frac{28}{45}$$

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

$$4) -3\frac{43}{68} = -2\frac{5}{17}r$$

$$\left\{1\frac{7}{12}\right\}$$

$$5) 1\frac{67}{110} = \frac{18v}{55}$$

$$\left\{4\frac{11}{12}\right\}$$

$$6) -\frac{44}{63} = -\frac{4}{7}m$$

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

$$7) -\frac{3}{5} = \frac{12n}{35}$$

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

$$8) \frac{20}{27}x = -\frac{100}{153}$$

$$\left\{-\frac{15}{17}\right\}$$

$$9) \frac{22}{15} = \frac{4b}{5}$$

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

$$10) 2k = -\frac{18}{5}$$

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

Name:

Grade:

Date:

Solve each equation.

1) $\frac{13}{21}a = -\frac{143}{147}$

2) $\frac{81}{56} = \frac{3m}{14}$

3) $-2v = -\frac{102}{7}$

4) $\frac{265}{76} = 3\frac{5}{16}p$

5) $\frac{485}{339} = \frac{20p}{113}$

6) $-\frac{119}{297} = \frac{17}{33}b$

7) $3\frac{1}{28} = -\frac{17}{10}n$

8) $7\frac{2}{5}x = 19\frac{11}{15}$

9) $-\frac{45}{2} = -2\frac{13}{16}n$

10) $-\frac{69}{20} = 2\frac{3}{10}k$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{13}{21}a = -\frac{143}{147}$

$$\left\{-1\frac{4}{7}\right\}$$

2) $\frac{81}{56} = \frac{3m}{14}$

$$\left\{6\frac{3}{4}\right\}$$

3) $-2v = -\frac{102}{7}$

$$\left\{7\frac{2}{7}\right\}$$

4) $\frac{265}{76} = 3\frac{5}{16}p$

$$\left\{1\frac{1}{19}\right\}$$

5) $\frac{485}{339} = \frac{20p}{113}$

$$\left\{8\frac{1}{12}\right\}$$

6) $-\frac{119}{297} = \frac{17}{33}b$

$$\left\{-\frac{7}{9}\right\}$$

7) $3\frac{1}{28} = -\frac{17}{10}n$

$$\left\{-1\frac{11}{14}\right\}$$

8) $7\frac{2}{5}x = 19\frac{11}{15}$

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

9) $-\frac{45}{2} = -2\frac{13}{16}n$

$$\{8\}$$

10) $-\frac{69}{20} = 2\frac{3}{10}k$

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