

Name:

Grade:

Date:

Solve each equation.

1) $-1\frac{6}{7}p = 2\frac{1}{6}$

- A) $\left\{-1\frac{1}{6}\right\}$ B) $\left\{2\frac{1}{8}\right\}$
C) $\left\{\frac{13}{42}\right\}$ D) $\left\{9\frac{9}{10}\right\}$

2) $-2\frac{5}{14}x = -18\frac{9}{16}$

- A) $\left\{-1\frac{3}{10}\right\}$ B) $\left\{-\frac{4}{9}\right\}$
C) $\{-1\}$ D) $\left\{7\frac{7}{8}\right\}$

3) $\frac{12a}{19} = -1\frac{1}{11}$

- A) $\left\{5\frac{9}{10}\right\}$ B) $\left\{-2\frac{8}{15}\right\}$
C) $\left\{-1\frac{8}{11}\right\}$ D) $\left\{1\frac{1}{2}\right\}$

4) $\frac{7}{3}r = -1\frac{8}{27}$

- A) $\left\{-\frac{5}{9}\right\}$ B) $\left\{-1\frac{12}{13}\right\}$
C) $\left\{5\frac{11}{14}\right\}$ D) $\left\{5\frac{1}{12}\right\}$

5) $\frac{a}{4} = \frac{5}{9}$

- A) $\left\{4\frac{5}{9}\right\}$ B) $\left\{-3\frac{4}{9}\right\}$
C) $\left\{2\frac{2}{9}\right\}$ D) $\left\{\frac{5}{36}\right\}$

6) $\frac{28}{15}b = -\frac{154}{45}$

- A) $\left\{1\frac{1}{2}\right\}$ B) $\left\{-1\frac{5}{9}\right\}$
C) $\left\{-3\frac{1}{10}\right\}$ D) $\left\{-1\frac{5}{6}\right\}$

7) $\frac{13k}{71} = 1\frac{607}{1278}$

- A) $\left\{1\frac{9}{14}\right\}$ B) $\left\{8\frac{1}{18}\right\}$
C) $\left\{3\frac{1}{5}\right\}$ D) $\left\{-1\frac{1}{2}\right\}$

8) $4\frac{1}{8}n = \frac{363}{28}$

- A) $\left\{2\frac{1}{4}\right\}$ B) $\left\{-\frac{1}{3}\right\}$
C) $\left\{3\frac{1}{7}\right\}$ D) $\left\{2\frac{5}{17}\right\}$

9) $8\frac{1}{10}x = 11\frac{37}{85}$

- A) $\left\{-2\frac{1}{6}\right\}$ B) $\{12\}$
C) $\left\{1\frac{7}{17}\right\}$ D) $\left\{5\frac{3}{13}\right\}$

10) $\frac{2}{7}r = -\frac{20}{77}$

- A) $\left\{-1\frac{7}{12}\right\}$ B) $\left\{-\frac{10}{11}\right\}$
C) $\left\{\frac{2}{77}\right\}$ D) $\left\{-\frac{6}{11}\right\}$

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Solve each equation.

1) $-1\frac{6}{7}p = 2\frac{1}{6}$

- *A) $\left\{-1\frac{1}{6}\right\}$ B) $\left\{2\frac{1}{8}\right\}$
C) $\left\{\frac{13}{42}\right\}$ D) $\left\{9\frac{9}{10}\right\}$

2) $-2\frac{5}{14}x = -18\frac{9}{16}$

- A) $\left\{-1\frac{3}{10}\right\}$ B) $\left\{-\frac{4}{9}\right\}$
C) $\{-1\}$ *D) $\left\{7\frac{7}{8}\right\}$

3) $\frac{12a}{19} = -1\frac{1}{11}$

- A) $\left\{5\frac{9}{10}\right\}$ B) $\left\{-2\frac{8}{15}\right\}$
*C) $\left\{-1\frac{8}{11}\right\}$ D) $\left\{1\frac{1}{2}\right\}$

4) $\frac{7}{3}r = -1\frac{8}{27}$

- *A) $\left\{-\frac{5}{9}\right\}$ B) $\left\{-1\frac{12}{13}\right\}$
C) $\left\{5\frac{11}{14}\right\}$ D) $\left\{5\frac{1}{12}\right\}$

5) $\frac{a}{4} = \frac{5}{9}$

- A) $\left\{4\frac{5}{9}\right\}$ B) $\left\{-3\frac{4}{9}\right\}$
*C) $\left\{2\frac{2}{9}\right\}$ D) $\left\{\frac{5}{36}\right\}$

6) $\frac{28}{15}b = -\frac{154}{45}$

- A) $\left\{1\frac{1}{2}\right\}$ B) $\left\{-1\frac{5}{9}\right\}$
C) $\left\{-3\frac{1}{10}\right\}$ *D) $\left\{-1\frac{5}{6}\right\}$

7) $\frac{13k}{71} = 1\frac{607}{1278}$

- A) $\left\{1\frac{9}{14}\right\}$ *B) $\left\{8\frac{1}{18}\right\}$
C) $\left\{3\frac{1}{5}\right\}$ D) $\left\{-1\frac{1}{2}\right\}$

8) $4\frac{1}{8}n = \frac{363}{28}$

- A) $\left\{2\frac{1}{4}\right\}$ B) $\left\{-\frac{1}{3}\right\}$
*C) $\left\{3\frac{1}{7}\right\}$ D) $\left\{2\frac{5}{17}\right\}$

9) $8\frac{1}{10}x = 11\frac{37}{85}$

- A) $\left\{-2\frac{1}{6}\right\}$ B) $\{12\}$
*C) $\left\{1\frac{7}{17}\right\}$ D) $\left\{5\frac{3}{13}\right\}$

10) $\frac{2}{7}r = -\frac{20}{77}$

- A) $\left\{-1\frac{7}{12}\right\}$ *B) $\left\{-\frac{10}{11}\right\}$
C) $\left\{\frac{2}{77}\right\}$ D) $\left\{-\frac{6}{11}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $-3\frac{1}{16}k = -19\frac{67}{128}$

- A) $\left\{2\frac{11}{18}\right\}$ B) $\left\{6\frac{3}{8}\right\}$
C) $\left\{10\frac{2}{11}\right\}$ D) $\left\{\frac{3}{4}\right\}$

2) $-\frac{11}{12}x = -\frac{11}{12}$

- A) $\{1\}$ B) $\{15\}$
C) $\left\{\frac{5}{8}\right\}$ D) $\left\{3\frac{8}{13}\right\}$

3) $\frac{13}{19}n = \frac{611}{304}$

- A) $\left\{2\frac{15}{16}\right\}$ B) $\{-14\}$
C) $\left\{-\frac{10}{19}\right\}$ D) $\left\{8\frac{5}{19}\right\}$

4) $\frac{5x}{18} = -\frac{155}{306}$

- A) $\left\{-1\frac{14}{17}\right\}$ B) $\{-15\}$
C) $\left\{1\frac{3}{4}\right\}$ D) $\left\{-1\frac{1}{19}\right\}$

5) $\frac{12k}{85} = \frac{24}{221}$

- A) $\left\{\frac{10}{13}\right\}$ B) $\left\{-1\frac{4}{5}\right\}$
C) $\left\{4\frac{7}{10}\right\}$ D) $\left\{-1\frac{3}{11}\right\}$

6) $15x = 18\frac{3}{4}$

- A) $\left\{-\frac{1}{5}\right\}$ B) $\left\{-1\frac{1}{4}\right\}$
C) $\left\{1\frac{1}{4}\right\}$ D) $\left\{7\frac{13}{14}\right\}$

7) $\frac{11x}{32} = \frac{561}{640}$

- A) $\left\{2\frac{11}{20}\right\}$ B) $\left\{\frac{4}{5}\right\}$
C) $\left\{4\frac{4}{9}\right\}$ D) $\left\{5\frac{13}{16}\right\}$

8) $\frac{13}{3}k = 7\frac{17}{18}$

- A) $\left\{1\frac{5}{6}\right\}$ B) $\left\{\frac{1}{2}\right\}$
C) $\left\{-\frac{5}{7}\right\}$ D) $\left\{9\frac{7}{10}\right\}$

9) $\frac{19x}{36} = \frac{2755}{648}$

- A) $\left\{6\frac{11}{15}\right\}$ B) $\left\{8\frac{1}{18}\right\}$
C) $\left\{1\frac{2}{3}\right\}$ D) $\{-6\}$

10) $\frac{3}{5}m = 6$

- A) $\left\{6\frac{3}{5}\right\}$ B) $\left\{3\frac{3}{5}\right\}$
C) $\{10\}$ D) $\left\{5\frac{2}{5}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $-3\frac{1}{16}k = -19\frac{67}{128}$

- A) $\left\{2\frac{11}{18}\right\}$ *B) $\left\{6\frac{3}{8}\right\}$
C) $\left\{10\frac{2}{11}\right\}$ D) $\left\{\frac{3}{4}\right\}$

2) $-\frac{11}{12}x = -\frac{11}{12}$

- *A) $\{1\}$ B) $\{15\}$
C) $\left\{\frac{5}{8}\right\}$ D) $\left\{3\frac{8}{13}\right\}$

3) $\frac{13}{19}n = \frac{611}{304}$

- *A) $\left\{2\frac{15}{16}\right\}$ B) $\{-14\}$
C) $\left\{-\frac{10}{19}\right\}$ D) $\left\{8\frac{5}{19}\right\}$

4) $\frac{5x}{18} = -\frac{155}{306}$

- *A) $\left\{-1\frac{14}{17}\right\}$ B) $\{-15\}$
C) $\left\{1\frac{3}{4}\right\}$ D) $\left\{-1\frac{1}{19}\right\}$

5) $\frac{12k}{85} = \frac{24}{221}$

- *A) $\left\{\frac{10}{13}\right\}$ B) $\left\{-1\frac{4}{5}\right\}$
C) $\left\{4\frac{7}{10}\right\}$ D) $\left\{-1\frac{3}{11}\right\}$

6) $15x = 18\frac{3}{4}$

- A) $\left\{-\frac{1}{5}\right\}$ B) $\left\{-1\frac{1}{4}\right\}$
*C) $\left\{1\frac{1}{4}\right\}$ D) $\left\{7\frac{13}{14}\right\}$

7) $\frac{11x}{32} = \frac{561}{640}$

- *A) $\left\{2\frac{11}{20}\right\}$ B) $\left\{\frac{4}{5}\right\}$
C) $\left\{4\frac{4}{9}\right\}$ D) $\left\{5\frac{13}{16}\right\}$

8) $\frac{13}{3}k = 7\frac{17}{18}$

- *A) $\left\{1\frac{5}{6}\right\}$ B) $\left\{\frac{1}{2}\right\}$
C) $\left\{-\frac{5}{7}\right\}$ D) $\left\{9\frac{7}{10}\right\}$

9) $\frac{19x}{36} = \frac{2755}{648}$

- A) $\left\{6\frac{11}{15}\right\}$ *B) $\left\{8\frac{1}{18}\right\}$
C) $\left\{1\frac{2}{3}\right\}$ D) $\{-6\}$

10) $\frac{3}{5}m = 6$

- A) $\left\{6\frac{3}{5}\right\}$ B) $\left\{3\frac{3}{5}\right\}$
*C) $\{10\}$ D) $\left\{5\frac{2}{5}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{14a}{43} = \frac{644}{387}$

- A) $\{-16\}$ B) $\{1\}$
C) $\left\{2\frac{1}{7}\right\}$ D) $\left\{5\frac{1}{9}\right\}$

2) $\frac{11}{10}v = 3\frac{13}{36}$

- A) $\left\{3\frac{1}{18}\right\}$ B) $\left\{\frac{11}{17}\right\}$
C) $\left\{1\frac{1}{2}\right\}$ D) $\left\{8\frac{7}{15}\right\}$

3) $\frac{n}{8} = \frac{85}{64}$

- A) $\left\{10\frac{5}{8}\right\}$ B) $\{-16\}$
C) $\left\{2\frac{10}{13}\right\}$ D) $\left\{-1\frac{9}{20}\right\}$

4) $\frac{7}{12}v = \frac{21}{52}$

- A) $\left\{\frac{77}{78}\right\}$ B) $\left\{-\frac{7}{39}\right\}$
C) $\left\{\frac{5}{12}\right\}$ D) $\left\{\frac{9}{13}\right\}$

5) $-\frac{8}{11}a = -\frac{896}{165}$

- A) $\left\{5\frac{5}{8}\right\}$ B) $\left\{7\frac{7}{15}\right\}$
C) $\left\{-1\frac{16}{17}\right\}$ D) $\left\{8\frac{1}{6}\right\}$

6) $2n = 2$

- A) $\left\{-1\frac{1}{2}\right\}$ B) $\{4\}$
C) $\{1\}$ D) $\{0\}$

7) $10\frac{4}{5}b = -20\frac{4}{25}$

- A) $\{-1\}$ B) $\left\{10\frac{1}{3}\right\}$
C) $\{-2\}$ D) $\left\{-1\frac{13}{15}\right\}$

8) $-1\frac{1}{6}k = -\frac{1}{6}$

- A) $\left\{\frac{7}{36}\right\}$ B) $\{1\}$
C) $\left\{\frac{1}{7}\right\}$ D) $\left\{-1\frac{1}{3}\right\}$

9) $\frac{7n}{71} = \frac{84}{1349}$

- A) $\left\{-1\frac{1}{16}\right\}$ B) $\left\{1\frac{1}{2}\right\}$
C) $\left\{\frac{5}{11}\right\}$ D) $\left\{\frac{12}{19}\right\}$

10) $-\frac{3}{2}x = -9\frac{3}{4}$

- A) $\left\{6\frac{1}{2}\right\}$ B) $\{4\}$
C) $\left\{-11\frac{1}{4}\right\}$ D) $\left\{-8\frac{1}{4}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{14a}{43} = \frac{644}{387}$

- A) $\{-16\}$ B) $\{1\}$
C) $\left\{2\frac{1}{7}\right\}$ *D) $\left\{5\frac{1}{9}\right\}$

2) $\frac{11}{10}v = 3\frac{13}{36}$

- *A) $\left\{3\frac{1}{18}\right\}$ B) $\left\{\frac{11}{17}\right\}$
C) $\left\{1\frac{1}{2}\right\}$ D) $\left\{8\frac{7}{15}\right\}$

3) $\frac{n}{8} = \frac{85}{64}$

- *A) $\left\{10\frac{5}{8}\right\}$ B) $\{-16\}$
C) $\left\{2\frac{10}{13}\right\}$ D) $\left\{-1\frac{9}{20}\right\}$

4) $\frac{7}{12}v = \frac{21}{52}$

- A) $\left\{\frac{77}{78}\right\}$ B) $\left\{-\frac{7}{39}\right\}$
C) $\left\{\frac{5}{12}\right\}$ *D) $\left\{\frac{9}{13}\right\}$

5) $-\frac{8}{11}a = -\frac{896}{165}$

- A) $\left\{5\frac{5}{8}\right\}$ *B) $\left\{7\frac{7}{15}\right\}$
C) $\left\{-1\frac{16}{17}\right\}$ D) $\left\{8\frac{1}{6}\right\}$

6) $2n = 2$

- A) $\left\{-1\frac{1}{2}\right\}$ B) $\{4\}$
*C) $\{1\}$ D) $\{0\}$

7) $10\frac{4}{5}b = -20\frac{4}{25}$

- A) $\{-1\}$ B) $\left\{10\frac{1}{3}\right\}$
C) $\{-2\}$ *D) $\left\{-1\frac{13}{15}\right\}$

8) $-1\frac{1}{6}k = -\frac{1}{6}$

- A) $\left\{\frac{7}{36}\right\}$ B) $\{1\}$
*C) $\left\{\frac{1}{7}\right\}$ D) $\left\{-1\frac{1}{3}\right\}$

9) $\frac{7n}{71} = \frac{84}{1349}$

- A) $\left\{-1\frac{1}{16}\right\}$ B) $\left\{1\frac{1}{2}\right\}$
C) $\left\{\frac{5}{11}\right\}$ *D) $\left\{\frac{12}{19}\right\}$

10) $-\frac{3}{2}x = -9\frac{3}{4}$

- *A) $\left\{6\frac{1}{2}\right\}$ B) $\{4\}$
C) $\left\{-11\frac{1}{4}\right\}$ D) $\left\{-8\frac{1}{4}\right\}$

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Grade:

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Solve each equation.

1) $\frac{17k}{23} = \frac{51}{184}$

- A) $\left\{\frac{4}{9}\right\}$ B) $\left\{6\frac{5}{14}\right\}$
C) $\left\{\frac{2}{7}\right\}$ D) $\left\{\frac{3}{8}\right\}$

2) $2\frac{1}{19}k = \frac{611}{38}$

- A) $\left\{1\frac{11}{13}\right\}$ B) $\left\{-\frac{7}{8}\right\}$
C) $\left\{7\frac{5}{6}\right\}$ D) $\{-7\}$

3) $-7x = -10\frac{8}{9}$

- A) $\left\{-1\frac{5}{12}\right\}$ B) $\left\{9\frac{13}{15}\right\}$
C) $\left\{1\frac{5}{9}\right\}$ D) $\left\{-1\frac{1}{2}\right\}$

4) $-\frac{5}{7}a = -\frac{75}{49}$

- A) $\left\{1\frac{2}{13}\right\}$ B) $\left\{-1\frac{4}{5}\right\}$
C) $\left\{5\frac{2}{3}\right\}$ D) $\left\{2\frac{1}{7}\right\}$

5) $1\frac{3}{4}v = -\frac{77}{16}$

- A) $\left\{3\frac{2}{3}\right\}$ B) $\left\{7\frac{5}{9}\right\}$
C) $\left\{-3\frac{1}{16}\right\}$ D) $\left\{-2\frac{3}{4}\right\}$

6) $-\frac{11}{10}x = \frac{11}{20}$

- A) $\left\{-\frac{11}{20}\right\}$ B) $\left\{1\frac{13}{20}\right\}$
C) $\left\{1\frac{13}{18}\right\}$ D) $\left\{-\frac{1}{2}\right\}$

7) $\frac{17x}{104} = 1\frac{29}{1144}$

- A) $\left\{-1\frac{9}{10}\right\}$ B) $\left\{\frac{13}{19}\right\}$
C) $\left\{6\frac{3}{11}\right\}$ D) $\left\{6\frac{7}{18}\right\}$

8) $-2\frac{5}{14}b = -\frac{759}{224}$

- A) $\left\{-1\frac{1}{19}\right\}$ B) $\left\{-1\frac{1}{32}\right\}$
C) $\left\{1\frac{7}{16}\right\}$ D) $\left\{3\frac{9}{10}\right\}$

9) $\frac{8}{15}r = \frac{24}{25}$

- A) $\left\{5\frac{1}{9}\right\}$ B) $\left\{-\frac{2}{3}\right\}$
C) $\left\{1\frac{4}{5}\right\}$ D) $\left\{\frac{1}{10}\right\}$

10) $\frac{11n}{65} = \frac{2}{65}$

- A) $\left\{\frac{1}{5}\right\}$ B) $\left\{\frac{2}{11}\right\}$
C) $\{9\}$ D) $\left\{1\frac{3}{4}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{17k}{23} = \frac{51}{184}$

- A) $\left\{\frac{4}{9}\right\}$ B) $\left\{6\frac{5}{14}\right\}$
C) $\left\{\frac{2}{7}\right\}$ *D) $\left\{\frac{3}{8}\right\}$

2) $2\frac{1}{19}k = \frac{611}{38}$

- A) $\left\{1\frac{11}{13}\right\}$ B) $\left\{-\frac{7}{8}\right\}$
*C) $\left\{7\frac{5}{6}\right\}$ D) $\{-7\}$

3) $-7x = -10\frac{8}{9}$

- A) $\left\{-1\frac{5}{12}\right\}$ B) $\left\{9\frac{13}{15}\right\}$
*C) $\left\{1\frac{5}{9}\right\}$ D) $\left\{-1\frac{1}{2}\right\}$

4) $-\frac{5}{7}a = -\frac{75}{49}$

- A) $\left\{1\frac{2}{13}\right\}$ B) $\left\{-1\frac{4}{5}\right\}$
C) $\left\{5\frac{2}{3}\right\}$ *D) $\left\{2\frac{1}{7}\right\}$

5) $1\frac{3}{4}v = -\frac{77}{16}$

- A) $\left\{3\frac{2}{3}\right\}$ B) $\left\{7\frac{5}{9}\right\}$
C) $\left\{-3\frac{1}{16}\right\}$ *D) $\left\{-2\frac{3}{4}\right\}$

6) $-\frac{11}{10}x = \frac{11}{20}$

- A) $\left\{-\frac{11}{20}\right\}$ B) $\left\{1\frac{13}{20}\right\}$
C) $\left\{1\frac{13}{18}\right\}$ *D) $\left\{-\frac{1}{2}\right\}$

7) $\frac{17x}{104} = 1\frac{29}{1144}$

- A) $\left\{-1\frac{9}{10}\right\}$ B) $\left\{\frac{13}{19}\right\}$
*C) $\left\{6\frac{3}{11}\right\}$ D) $\left\{6\frac{7}{18}\right\}$

8) $-2\frac{5}{14}b = -\frac{759}{224}$

- A) $\left\{-1\frac{1}{19}\right\}$ B) $\left\{-1\frac{1}{32}\right\}$
*C) $\left\{1\frac{7}{16}\right\}$ D) $\left\{3\frac{9}{10}\right\}$

9) $\frac{8}{15}r = \frac{24}{25}$

- A) $\left\{5\frac{1}{9}\right\}$ B) $\left\{-\frac{2}{3}\right\}$
*C) $\left\{1\frac{4}{5}\right\}$ D) $\left\{\frac{1}{10}\right\}$

10) $\frac{11n}{65} = \frac{2}{65}$

- A) $\left\{\frac{1}{5}\right\}$ *B) $\left\{\frac{2}{11}\right\}$
C) $\{9\}$ D) $\left\{1\frac{3}{4}\right\}$

Name:

Grade:

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Solve each equation.

1) $-\frac{12}{23}x = -\frac{15}{46}$

- A) $\left\{-18\frac{7}{9}\right\}$ B) $\left\{5\frac{4}{9}\right\}$
C) $\left\{\frac{5}{8}\right\}$ D) $\left\{1\frac{7}{13}\right\}$

2) $\frac{9}{4}n = -8\frac{4}{13}$

- A) $\left\{-3\frac{9}{13}\right\}$ B) $\{-9\}$
C) $\left\{1\frac{1}{7}\right\}$ D) $\left\{\frac{5}{12}\right\}$

3) $-4x = -\frac{36}{19}$

- A) $\left\{\frac{9}{19}\right\}$ B) $\left\{\frac{2}{11}\right\}$
C) $\{-5\}$ D) $\left\{2\frac{2}{19}\right\}$

4) $-1\frac{1}{6}n = \frac{7}{26}$

- A) $\left\{-\frac{3}{13}\right\}$ B) $\left\{-\frac{35}{39}\right\}$
C) $\left\{-1\frac{1}{4}\right\}$ D) $\left\{1\frac{17}{39}\right\}$

5) $-\frac{13}{16}v = 1\frac{31}{320}$

- A) $\left\{-1\frac{7}{20}\right\}$ B) $\left\{1\frac{1}{8}\right\}$
C) $\left\{-3\frac{5}{9}\right\}$ D) $\left\{1\frac{9}{14}\right\}$

6) $\frac{13n}{30} = \frac{169}{270}$

- A) $\left\{-\frac{5}{16}\right\}$ B) $\left\{7\frac{18}{19}\right\}$
C) $\left\{-1\frac{4}{19}\right\}$ D) $\left\{1\frac{4}{9}\right\}$

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

- A) $\left\{2\frac{11}{14}\right\}$ B) $\left\{9\frac{1}{4}\right\}$
C) $\left\{14\frac{2}{3}\right\}$ D) $\left\{-\frac{2}{7}\right\}$

8) $\frac{a}{2} = 4\frac{5}{26}$

- A) $\left\{2\frac{5}{26}\right\}$ B) $\left\{8\frac{5}{13}\right\}$
C) $\left\{2\frac{1}{3}\right\}$ D) $\left\{9\frac{4}{7}\right\}$

9) $\frac{3}{19}n = \frac{72}{323}$

- A) $\left\{1\frac{7}{17}\right\}$ B) $\left\{\frac{3}{4}\right\}$
C) $\{-1\}$ D) $\left\{7\frac{9}{11}\right\}$

10) $\frac{14n}{121} = -\frac{14}{121}$

- A) $\left\{6\frac{3}{5}\right\}$ B) $\left\{1\frac{11}{20}\right\}$
C) $\{-1\}$ D) $\left\{\frac{1}{6}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $-\frac{12}{23}x = -\frac{15}{46}$

- A) $\left\{-18\frac{7}{9}\right\}$ B) $\left\{5\frac{4}{9}\right\}$
*C) $\left\{\frac{5}{8}\right\}$ D) $\left\{1\frac{7}{13}\right\}$

2) $\frac{9}{4}n = -8\frac{4}{13}$

- *A) $\left\{-3\frac{9}{13}\right\}$ B) $\{-9\}$
C) $\left\{1\frac{1}{7}\right\}$ D) $\left\{\frac{5}{12}\right\}$

3) $-4x = -\frac{36}{19}$

- *A) $\left\{\frac{9}{19}\right\}$ B) $\left\{\frac{2}{11}\right\}$
C) $\{-5\}$ D) $\left\{2\frac{2}{19}\right\}$

4) $-1\frac{1}{6}n = \frac{7}{26}$

- *A) $\left\{-\frac{3}{13}\right\}$ B) $\left\{-\frac{35}{39}\right\}$
C) $\left\{-1\frac{1}{4}\right\}$ D) $\left\{1\frac{17}{39}\right\}$

5) $-\frac{13}{16}v = 1\frac{31}{320}$

- *A) $\left\{-1\frac{7}{20}\right\}$ B) $\left\{1\frac{1}{8}\right\}$
C) $\left\{-3\frac{5}{9}\right\}$ D) $\left\{1\frac{9}{14}\right\}$

6) $\frac{13n}{30} = \frac{169}{270}$

- A) $\left\{-\frac{5}{16}\right\}$ B) $\left\{7\frac{18}{19}\right\}$
C) $\left\{-1\frac{4}{19}\right\}$ *D) $\left\{1\frac{4}{9}\right\}$

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

- A) $\left\{2\frac{11}{14}\right\}$ *B) $\left\{9\frac{1}{4}\right\}$
C) $\left\{14\frac{2}{3}\right\}$ D) $\left\{-\frac{2}{7}\right\}$

8) $\frac{a}{2} = 4\frac{5}{26}$

- A) $\left\{2\frac{5}{26}\right\}$ *B) $\left\{8\frac{5}{13}\right\}$
C) $\left\{2\frac{1}{3}\right\}$ D) $\left\{9\frac{4}{7}\right\}$

9) $\frac{3}{19}n = \frac{72}{323}$

- *A) $\left\{1\frac{7}{17}\right\}$ B) $\left\{\frac{3}{4}\right\}$
C) $\{-1\}$ D) $\left\{7\frac{9}{11}\right\}$

10) $\frac{14n}{121} = -\frac{14}{121}$

- A) $\left\{6\frac{3}{5}\right\}$ B) $\left\{1\frac{11}{20}\right\}$
*C) $\{-1\}$ D) $\left\{\frac{1}{6}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{155}{34} = -\frac{31}{17}a$

- A) $\left\{-2\frac{1}{2}\right\}$ B) $\left\{2\frac{25}{34}\right\}$
C) $\left\{-2\frac{1}{7}\right\}$ D) $\left\{\frac{2}{3}\right\}$

2) $-10\frac{1}{12} = -\frac{4}{3}x$

- A) $\left\{-8\frac{3}{4}\right\}$ B) $\left\{4\frac{1}{11}\right\}$
C) $\left\{5\frac{13}{14}\right\}$ D) $\left\{7\frac{9}{16}\right\}$

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

- A) $\left\{-\frac{1}{18}\right\}$ B) $\left\{-3\frac{1}{18}\right\}$
C) $\left\{-1\frac{1}{27}\right\}$ D) $\left\{-2\frac{1}{3}\right\}$

4) $15\frac{23}{99} = \frac{13}{9}n$

- A) $\left\{\frac{1}{2}\right\}$ B) $\{2\}$
C) $\left\{10\frac{6}{11}\right\}$ D) $\left\{-2\frac{9}{16}\right\}$

5) $\frac{254}{123} = \frac{12v}{41}$

- A) $\left\{2\frac{9}{10}\right\}$ B) $\{20\}$
C) $\left\{7\frac{1}{18}\right\}$ D) $\left\{-1\frac{5}{9}\right\}$

6) $-\frac{152}{117} = \frac{4n}{9}$

- A) $\left\{3\frac{7}{11}\right\}$ B) $\left\{-1\frac{3}{4}\right\}$
C) $\left\{3\frac{5}{18}\right\}$ D) $\left\{-2\frac{12}{13}\right\}$

7) $-\frac{13}{86} = \frac{13b}{43}$

- A) $\left\{-\frac{1}{2}\right\}$ B) $\{15\}$
C) $\left\{-\frac{5}{9}\right\}$ D) $\left\{\frac{10}{17}\right\}$

8) $-\frac{86}{9} = 9\frac{5}{9}n$

- A) $\left\{2\frac{1}{13}\right\}$ B) $\left\{1\frac{6}{19}\right\}$
C) $\{0\}$ D) $\{-1\}$

9) $-\frac{196}{429} = \frac{14x}{33}$

- A) $\left\{-\frac{1}{16}\right\}$ B) $\left\{-1\frac{1}{13}\right\}$
C) $\left\{9\frac{2}{3}\right\}$ D) $\left\{1\frac{11}{16}\right\}$

10) $28 = -20n$

- A) $\{48\}$ B) $\left\{5\frac{1}{12}\right\}$
C) $\{8\}$ D) $\left\{-1\frac{2}{5}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{155}{34} = -\frac{31}{17}a$

- *A) $\left\{-2\frac{1}{2}\right\}$ B) $\left\{2\frac{25}{34}\right\}$
C) $\left\{-2\frac{1}{7}\right\}$ D) $\left\{\frac{2}{3}\right\}$

2) $-10\frac{1}{12} = -\frac{4}{3}x$

- A) $\left\{-8\frac{3}{4}\right\}$ B) $\left\{4\frac{1}{11}\right\}$
C) $\left\{5\frac{13}{14}\right\}$ *D) $\left\{7\frac{9}{16}\right\}$

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

- A) $\left\{-\frac{1}{18}\right\}$ B) $\left\{-3\frac{1}{18}\right\}$
C) $\left\{-1\frac{1}{27}\right\}$ *D) $\left\{-2\frac{1}{3}\right\}$

4) $15\frac{23}{99} = \frac{13}{9}n$

- A) $\left\{\frac{1}{2}\right\}$ B) $\{2\}$
*C) $\left\{10\frac{6}{11}\right\}$ D) $\left\{-2\frac{9}{16}\right\}$

5) $\frac{254}{123} = \frac{12v}{41}$

- A) $\left\{2\frac{9}{10}\right\}$ B) $\{20\}$
*C) $\left\{7\frac{1}{18}\right\}$ D) $\left\{-1\frac{5}{9}\right\}$

6) $-\frac{152}{117} = \frac{4n}{9}$

- A) $\left\{3\frac{7}{11}\right\}$ B) $\left\{-1\frac{3}{4}\right\}$
C) $\left\{3\frac{5}{18}\right\}$ *D) $\left\{-2\frac{12}{13}\right\}$

7) $-\frac{13}{86} = \frac{13b}{43}$

- *A) $\left\{-\frac{1}{2}\right\}$ B) $\{15\}$
C) $\left\{-\frac{5}{9}\right\}$ D) $\left\{\frac{10}{17}\right\}$

8) $-\frac{86}{9} = 9\frac{5}{9}n$

- A) $\left\{2\frac{1}{13}\right\}$ B) $\left\{1\frac{6}{19}\right\}$
C) $\{0\}$ *D) $\{-1\}$

9) $-\frac{196}{429} = \frac{14x}{33}$

- A) $\left\{-\frac{1}{16}\right\}$ *B) $\left\{-1\frac{1}{13}\right\}$
C) $\left\{9\frac{2}{3}\right\}$ D) $\left\{1\frac{11}{16}\right\}$

10) $28 = -20n$

- A) $\{48\}$ B) $\left\{5\frac{1}{12}\right\}$
C) $\{8\}$ *D) $\left\{-1\frac{2}{5}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $1\frac{134}{493} = \frac{11k}{29}$

- A) $\{-1\}$ B) $\left\{3\frac{6}{17}\right\}$
C) $\left\{-2\frac{1}{8}\right\}$ D) $\left\{1\frac{3}{8}\right\}$

2) $-\frac{5}{63} = \frac{5p}{14}$

- A) $\{20\}$ B) $\{-2\}$
C) $\left\{-\frac{2}{9}\right\}$ D) $\left\{5\frac{19}{20}\right\}$

3) $-\frac{1160}{17} = 20n$

- A) $\left\{6\frac{10}{13}\right\}$ B) $\left\{-3\frac{7}{17}\right\}$
C) $\left\{7\frac{7}{18}\right\}$ D) $\left\{-3\frac{7}{20}\right\}$

4) $21\frac{19}{36} = 2\frac{1}{12}a$

- A) $\left\{-3\frac{4}{7}\right\}$ B) $\left\{1\frac{7}{16}\right\}$
C) $\left\{10\frac{1}{3}\right\}$ D) $\{-11\}$

5) $\frac{59}{34} = \frac{m}{2}$

- A) $\left\{\frac{59}{68}\right\}$ B) $\left\{3\frac{8}{17}\right\}$
C) $\left\{-\frac{9}{34}\right\}$ D) $\left\{2\frac{1}{3}\right\}$

6) $\frac{6}{7} = \frac{3p}{7}$

- A) $\left\{-1\frac{10}{21}\right\}$ B) $\left\{\frac{18}{49}\right\}$
C) $\{2\}$ D) $\left\{3\frac{4}{21}\right\}$

7) $-4\frac{4}{15} = -2\frac{2}{15}v$

- A) $\left\{1\frac{1}{4}\right\}$ B) $\left\{-6\frac{2}{5}\right\}$
C) $\{2\}$ D) $\left\{-2\frac{2}{15}\right\}$

8) $-\frac{112}{187} = \frac{8}{11}p$

- A) $\left\{1\frac{2}{5}\right\}$ B) $\{3\}$
C) $\left\{3\frac{9}{10}\right\}$ D) $\left\{-\frac{14}{17}\right\}$

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

- A) $\left\{\frac{2}{3}\right\}$ B) $\left\{-2\frac{1}{6}\right\}$
C) $\left\{\frac{13}{30}\right\}$ D) $\{-2\}$

10) $-\frac{23}{135} = 1\frac{5}{18}r$

- A) $\left\{-1\frac{15}{19}\right\}$ B) $\left\{\frac{1}{2}\right\}$
C) $\left\{-2\frac{10}{13}\right\}$ D) $\left\{-\frac{2}{15}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $1\frac{134}{493} = \frac{11k}{29}$

- A) $\{-1\}$ *B) $\left\{3\frac{6}{17}\right\}$
C) $\left\{-2\frac{1}{8}\right\}$ D) $\left\{1\frac{3}{8}\right\}$

2) $-\frac{5}{63} = \frac{5p}{14}$

- A) $\{20\}$ B) $\{-2\}$
*C) $\left\{-\frac{2}{9}\right\}$ D) $\left\{5\frac{19}{20}\right\}$

3) $-\frac{1160}{17} = 20n$

- A) $\left\{6\frac{10}{13}\right\}$ *B) $\left\{-3\frac{7}{17}\right\}$
C) $\left\{7\frac{7}{18}\right\}$ D) $\left\{-3\frac{7}{20}\right\}$

4) $21\frac{19}{36} = 2\frac{1}{12}a$

- A) $\left\{-3\frac{4}{7}\right\}$ B) $\left\{1\frac{7}{16}\right\}$
*C) $\left\{10\frac{1}{3}\right\}$ D) $\{-11\}$

5) $\frac{59}{34} = \frac{m}{2}$

- A) $\left\{\frac{59}{68}\right\}$ *B) $\left\{3\frac{8}{17}\right\}$
C) $\left\{-\frac{9}{34}\right\}$ D) $\left\{2\frac{1}{3}\right\}$

6) $\frac{6}{7} = \frac{3p}{7}$

- A) $\left\{-1\frac{10}{21}\right\}$ B) $\left\{\frac{18}{49}\right\}$
*C) $\{2\}$ D) $\left\{3\frac{4}{21}\right\}$

7) $-4\frac{4}{15} = -2\frac{2}{15}v$

- A) $\left\{1\frac{1}{4}\right\}$ B) $\left\{-6\frac{2}{5}\right\}$
*C) $\{2\}$ D) $\left\{-2\frac{2}{15}\right\}$

8) $-\frac{112}{187} = \frac{8}{11}p$

- A) $\left\{1\frac{2}{5}\right\}$ B) $\{3\}$
C) $\left\{3\frac{9}{10}\right\}$ *D) $\left\{-\frac{14}{17}\right\}$

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

- *A) $\left\{\frac{2}{3}\right\}$ B) $\left\{-2\frac{1}{6}\right\}$
C) $\left\{\frac{13}{30}\right\}$ D) $\{-2\}$

10) $-\frac{23}{135} = 1\frac{5}{18}r$

- A) $\left\{-1\frac{15}{19}\right\}$ B) $\left\{\frac{1}{2}\right\}$
C) $\left\{-2\frac{10}{13}\right\}$ *D) $\left\{-\frac{2}{15}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{107}{285} = \frac{p}{19}$

- A) $\left\{-1\frac{1}{5}\right\}$ B) $\left\{7\frac{2}{15}\right\}$
C) $\left\{\frac{4}{5}\right\}$ D) $\left\{-3\frac{2}{3}\right\}$

2) $-\frac{12}{25} = -\frac{12}{5}v$

- A) $\left\{\frac{1}{5}\right\}$ B) $\left\{-3\frac{1}{7}\right\}$
C) $\left\{2\frac{1}{14}\right\}$ D) $\left\{-2\frac{11}{18}\right\}$

3) $-3\frac{23}{51} = -1\frac{15}{17}n$

- A) $\left\{1\frac{5}{6}\right\}$ B) $\left\{-1\frac{29}{51}\right\}$
C) $\left\{\frac{13}{19}\right\}$ D) $\left\{-5\frac{1}{3}\right\}$

4) $\frac{484}{195} = -\frac{11}{13}b$

- A) $\left\{5\frac{2}{3}\right\}$ B) $\left\{10\frac{3}{13}\right\}$
C) $\left\{-\frac{1}{16}\right\}$ D) $\left\{-2\frac{14}{15}\right\}$

5) $-7\frac{9}{25} = -\frac{16}{15}x$

- A) $\left\{6\frac{2}{5}\right\}$ B) $\left\{\frac{5}{6}\right\}$
C) $\left\{-1\frac{4}{17}\right\}$ D) $\left\{6\frac{9}{10}\right\}$

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

- A) $\left\{-1\frac{9}{10}\right\}$ B) $\left\{-7\frac{3}{5}\right\}$
C) $\left\{-3\frac{3}{10}\right\}$ D) $\left\{-4\frac{3}{10}\right\}$

7) $-5\frac{31}{35} = -\frac{4}{5}k$

- A) $\left\{7\frac{5}{14}\right\}$ B) $\left\{8\frac{7}{15}\right\}$
C) $\left\{-1\frac{1}{8}\right\}$ D) $\left\{-1\frac{11}{20}\right\}$

8) $\frac{103}{18} = \frac{8}{9}r$

- A) $\left\{6\frac{7}{16}\right\}$ B) $\left\{-\frac{12}{19}\right\}$
C) $\left\{4\frac{5}{6}\right\}$ D) $\left\{-3\frac{13}{17}\right\}$

9) $1\frac{33}{40} = \frac{2}{5}n$

- A) $\left\{4\frac{9}{16}\right\}$ B) $\left\{\frac{7}{8}\right\}$
C) $\left\{1\frac{17}{40}\right\}$ D) $\left\{2\frac{9}{40}\right\}$

10) $-16\frac{16}{39} = -\frac{24}{13}k$

- A) $\left\{8\frac{8}{9}\right\}$ B) $\left\{\frac{2}{5}\right\}$
C) $\left\{1\frac{5}{6}\right\}$ D) $\left\{-1\frac{5}{16}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{107}{285} = \frac{p}{19}$

- A) $\left\{-1\frac{1}{5}\right\}$ *B) $\left\{7\frac{2}{15}\right\}$
C) $\left\{\frac{4}{5}\right\}$ D) $\left\{-3\frac{2}{3}\right\}$

2) $-\frac{12}{25} = -\frac{12}{5}v$

- *A) $\left\{\frac{1}{5}\right\}$ B) $\left\{-3\frac{1}{7}\right\}$
C) $\left\{2\frac{1}{14}\right\}$ D) $\left\{-2\frac{11}{18}\right\}$

3) $-3\frac{23}{51} = -1\frac{15}{17}n$

- *A) $\left\{1\frac{5}{6}\right\}$ B) $\left\{-1\frac{29}{51}\right\}$
C) $\left\{\frac{13}{19}\right\}$ D) $\left\{-5\frac{1}{3}\right\}$

4) $\frac{484}{195} = -\frac{11}{13}b$

- A) $\left\{5\frac{2}{3}\right\}$ B) $\left\{10\frac{3}{13}\right\}$
C) $\left\{-\frac{1}{16}\right\}$ *D) $\left\{-2\frac{14}{15}\right\}$

5) $-7\frac{9}{25} = -\frac{16}{15}x$

- A) $\left\{6\frac{2}{5}\right\}$ B) $\left\{\frac{5}{6}\right\}$
C) $\left\{-1\frac{4}{17}\right\}$ *D) $\left\{6\frac{9}{10}\right\}$

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

- *A) $\left\{-1\frac{9}{10}\right\}$ B) $\left\{-7\frac{3}{5}\right\}$
C) $\left\{-3\frac{3}{10}\right\}$ D) $\left\{-4\frac{3}{10}\right\}$

7) $-5\frac{31}{35} = -\frac{4}{5}k$

- *A) $\left\{7\frac{5}{14}\right\}$ B) $\left\{8\frac{7}{15}\right\}$
C) $\left\{-1\frac{1}{8}\right\}$ D) $\left\{-1\frac{11}{20}\right\}$

8) $\frac{103}{18} = \frac{8}{9}r$

- *A) $\left\{6\frac{7}{16}\right\}$ B) $\left\{-\frac{12}{19}\right\}$
C) $\left\{4\frac{5}{6}\right\}$ D) $\left\{-3\frac{13}{17}\right\}$

9) $1\frac{33}{40} = \frac{2}{5}n$

- *A) $\left\{4\frac{9}{16}\right\}$ B) $\left\{\frac{7}{8}\right\}$
C) $\left\{1\frac{17}{40}\right\}$ D) $\left\{2\frac{9}{40}\right\}$

10) $-16\frac{16}{39} = -\frac{24}{13}k$

- *A) $\left\{8\frac{8}{9}\right\}$ B) $\left\{\frac{2}{5}\right\}$
C) $\left\{1\frac{5}{6}\right\}$ D) $\left\{-1\frac{5}{16}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{53}{168} = \frac{b}{14}$

- A) $\left\{4\frac{5}{12}\right\}$ B) $\left\{1\frac{2}{3}\right\}$
C) $\left\{\frac{6}{7}\right\}$ D) $\left\{5\frac{3}{16}\right\}$

2) $\frac{1748}{105} = 10\frac{2}{15}r$

- A) $\left\{-\frac{9}{13}\right\}$ B) $\left\{1\frac{3}{11}\right\}$
C) $\left\{1\frac{9}{14}\right\}$ D) $\left\{\frac{6}{17}\right\}$

3) $-10\frac{8}{63} = -\frac{11}{9}r$

- A) $\left\{8\frac{2}{3}\right\}$ B) $\left\{16\frac{2}{13}\right\}$
C) $\left\{-1\frac{1}{3}\right\}$ D) $\left\{8\frac{2}{7}\right\}$

4) $\frac{30}{7} = 3\frac{3}{4}n$

- A) $\{8\}$ B) $\left\{1\frac{1}{7}\right\}$
C) $\left\{\frac{15}{28}\right\}$ D) $\left\{7\frac{7}{12}\right\}$

5) $-19\frac{4}{7} = -2n$

- A) $\left\{10\frac{7}{15}\right\}$ B) $\left\{9\frac{11}{14}\right\}$
C) $\left\{\frac{2}{3}\right\}$ D) $\left\{-\frac{5}{8}\right\}$

6) $\frac{325}{34} = 5\frac{5}{12}x$

- A) $\{-5\}$ B) $\left\{1\frac{13}{17}\right\}$
C) $\left\{\frac{8}{11}\right\}$ D) $\left\{\frac{1}{9}\right\}$

7) $\frac{495}{16} = 15x$

- A) $\{-2\}$ B) $\left\{\frac{1}{3}\right\}$
C) $\left\{2\frac{1}{16}\right\}$ D) $\left\{\frac{1}{14}\right\}$

8) $-9\frac{9}{64} = -\frac{5}{4}m$

- A) $\left\{3\frac{3}{14}\right\}$ B) $\left\{1\frac{13}{19}\right\}$
C) $\left\{7\frac{5}{16}\right\}$ D) $\left\{-\frac{13}{15}\right\}$

9) $-11\frac{73}{160} = -\frac{13}{10}p$

- A) $\left\{8\frac{13}{16}\right\}$ B) $\left\{-\frac{10}{13}\right\}$
C) $\left\{8\frac{11}{15}\right\}$ D) $\left\{-2\frac{1}{9}\right\}$

10) $-\frac{133}{90} = \frac{7}{15}b$

- A) $\left\{10\frac{11}{19}\right\}$ B) $\left\{-1\frac{17}{18}\right\}$
C) $\left\{-1\frac{1}{90}\right\}$ D) $\left\{-3\frac{1}{6}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{53}{168} = \frac{b}{14}$

- *A) $\left\{4\frac{5}{12}\right\}$ B) $\left\{1\frac{2}{3}\right\}$
C) $\left\{\frac{6}{7}\right\}$ D) $\left\{5\frac{3}{16}\right\}$

2) $\frac{1748}{105} = 10\frac{2}{15}r$

- A) $\left\{-\frac{9}{13}\right\}$ B) $\left\{1\frac{3}{11}\right\}$
*C) $\left\{1\frac{9}{14}\right\}$ D) $\left\{\frac{6}{17}\right\}$

3) $-10\frac{8}{63} = -\frac{11}{9}r$

- A) $\left\{8\frac{2}{3}\right\}$ B) $\left\{16\frac{2}{13}\right\}$
C) $\left\{-1\frac{1}{3}\right\}$ *D) $\left\{8\frac{2}{7}\right\}$

4) $\frac{30}{7} = 3\frac{3}{4}n$

- A) $\{8\}$ *B) $\left\{1\frac{1}{7}\right\}$
C) $\left\{\frac{15}{28}\right\}$ D) $\left\{7\frac{7}{12}\right\}$

5) $-19\frac{4}{7} = -2n$

- A) $\left\{10\frac{7}{15}\right\}$ *B) $\left\{9\frac{11}{14}\right\}$
C) $\left\{\frac{2}{3}\right\}$ D) $\left\{-\frac{5}{8}\right\}$

6) $\frac{325}{34} = 5\frac{5}{12}x$

- A) $\{-5\}$ *B) $\left\{1\frac{13}{17}\right\}$
C) $\left\{\frac{8}{11}\right\}$ D) $\left\{\frac{1}{9}\right\}$

7) $\frac{495}{16} = 15x$

- A) $\{-2\}$ B) $\left\{\frac{1}{3}\right\}$
*C) $\left\{2\frac{1}{16}\right\}$ D) $\left\{\frac{1}{14}\right\}$

8) $-9\frac{9}{64} = -\frac{5}{4}m$

- A) $\left\{3\frac{3}{14}\right\}$ B) $\left\{1\frac{13}{19}\right\}$
*C) $\left\{7\frac{5}{16}\right\}$ D) $\left\{-\frac{13}{15}\right\}$

9) $-11\frac{73}{160} = -\frac{13}{10}p$

- *A) $\left\{8\frac{13}{16}\right\}$ B) $\left\{-\frac{10}{13}\right\}$
C) $\left\{8\frac{11}{15}\right\}$ D) $\left\{-2\frac{1}{9}\right\}$

10) $-\frac{133}{90} = \frac{7}{15}b$

- A) $\left\{10\frac{11}{19}\right\}$ B) $\left\{-1\frac{17}{18}\right\}$
C) $\left\{-1\frac{1}{90}\right\}$ *D) $\left\{-3\frac{1}{6}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $18\frac{4}{13} = 7x$

- A) $\left\{\frac{4}{5}\right\}$ B) $\left\{2\frac{8}{13}\right\}$
C) $\left\{-1\frac{13}{20}\right\}$ D) $\left\{6\frac{19}{20}\right\}$

2) $\frac{6}{37} = \frac{12p}{37}$

- A) $\left\{9\frac{3}{7}\right\}$ B) $\left\{-\frac{1}{3}\right\}$
C) $\left\{1\frac{3}{4}\right\}$ D) $\left\{\frac{1}{2}\right\}$

3) $-20\frac{7}{10} = -2\frac{11}{20}b$

- A) $\left\{\frac{4}{11}\right\}$ B) $\left\{8\frac{2}{17}\right\}$
C) $\left\{1\frac{1}{2}\right\}$ D) $\left\{-23\frac{1}{4}\right\}$

4) $-\frac{169}{12} = -\frac{3}{2}x$

- A) $\left\{9\frac{7}{18}\right\}$ B) $\left\{1\frac{1}{8}\right\}$
C) $\left\{-14\frac{3}{4}\right\}$ D) $\left\{1\frac{7}{13}\right\}$

5) $1\frac{29}{328} = \frac{14x}{41}$

- A) $\{-18\}$ B) $\left\{3\frac{3}{16}\right\}$
C) $\left\{1\frac{3}{8}\right\}$ D) $\left\{3\frac{1}{3}\right\}$

6) $32\frac{12}{19} = 4\frac{17}{19}v$

- A) $\left\{-\frac{3}{4}\right\}$ B) $\left\{2\frac{10}{11}\right\}$
C) $\left\{6\frac{2}{3}\right\}$ D) $\left\{-\frac{2}{3}\right\}$

7) $-\frac{39}{40} = -\frac{13}{14}m$

- A) $\left\{-3\frac{7}{8}\right\}$ B) $\left\{-1\frac{1}{3}\right\}$
C) $\left\{1\frac{1}{20}\right\}$ D) $\left\{-\frac{19}{20}\right\}$

8) $\frac{1485}{26} = 8\frac{6}{13}x$

- A) $\left\{-\frac{5}{8}\right\}$ B) $\left\{\frac{1}{2}\right\}$
C) $\left\{6\frac{3}{4}\right\}$ D) $\left\{-\frac{3}{17}\right\}$

9) $\frac{65}{12} = -\frac{13}{8}n$

- A) $\left\{2\frac{7}{8}\right\}$ B) $\left\{\frac{1}{7}\right\}$
C) $\left\{3\frac{19}{24}\right\}$ D) $\left\{-3\frac{1}{3}\right\}$

10) $9 = -18a$

- A) $\{27\}$ B) $\{-9\}$
C) $\{-1\}$ D) $\left\{-\frac{1}{2}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $18\frac{4}{13} = 7x$

- A) $\left\{\frac{4}{5}\right\}$ *B) $\left\{2\frac{8}{13}\right\}$
C) $\left\{-1\frac{13}{20}\right\}$ D) $\left\{6\frac{19}{20}\right\}$

2) $\frac{6}{37} = \frac{12p}{37}$

- A) $\left\{9\frac{3}{7}\right\}$ B) $\left\{-\frac{1}{3}\right\}$
C) $\left\{1\frac{3}{4}\right\}$ *D) $\left\{\frac{1}{2}\right\}$

3) $-20\frac{7}{10} = -2\frac{11}{20}b$

- A) $\left\{\frac{4}{11}\right\}$ *B) $\left\{8\frac{2}{17}\right\}$
C) $\left\{1\frac{1}{2}\right\}$ D) $\left\{-23\frac{1}{4}\right\}$

4) $-\frac{169}{12} = -\frac{3}{2}x$

- *A) $\left\{9\frac{7}{18}\right\}$ B) $\left\{1\frac{1}{8}\right\}$
C) $\left\{-14\frac{3}{4}\right\}$ D) $\left\{1\frac{7}{13}\right\}$

5) $1\frac{29}{328} = \frac{14x}{41}$

- A) $\{-18\}$ *B) $\left\{3\frac{3}{16}\right\}$
C) $\left\{1\frac{3}{8}\right\}$ D) $\left\{3\frac{1}{3}\right\}$

6) $32\frac{12}{19} = 4\frac{17}{19}v$

- A) $\left\{-\frac{3}{4}\right\}$ B) $\left\{2\frac{10}{11}\right\}$
*C) $\left\{6\frac{2}{3}\right\}$ D) $\left\{-\frac{2}{3}\right\}$

7) $-\frac{39}{40} = -\frac{13}{14}m$

- A) $\left\{-3\frac{7}{8}\right\}$ B) $\left\{-1\frac{1}{3}\right\}$
*C) $\left\{1\frac{1}{20}\right\}$ D) $\left\{-\frac{19}{20}\right\}$

8) $\frac{1485}{26} = 8\frac{6}{13}x$

- A) $\left\{-\frac{5}{8}\right\}$ B) $\left\{\frac{1}{2}\right\}$
*C) $\left\{6\frac{3}{4}\right\}$ D) $\left\{-\frac{3}{17}\right\}$

9) $\frac{65}{12} = -\frac{13}{8}n$

- A) $\left\{2\frac{7}{8}\right\}$ B) $\left\{\frac{1}{7}\right\}$
C) $\left\{3\frac{19}{24}\right\}$ *D) $\left\{-3\frac{1}{3}\right\}$

10) $9 = -18a$

- A) $\{27\}$ B) $\{-9\}$
C) $\{-1\}$ *D) $\left\{-\frac{1}{2}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $2\frac{3}{10}x = \frac{2369}{60}$

- A) $\left\{7\frac{7}{8}\right\}$ B) $\left\{17\frac{1}{6}\right\}$
C) $\left\{-1\frac{1}{14}\right\}$ D) $\{-2\}$

2) $2\frac{3}{4}k = \frac{1}{2}$

- A) $\left\{-2\frac{1}{4}\right\}$ B) $\left\{\frac{2}{11}\right\}$
C) $\left\{3\frac{1}{4}\right\}$ D) $\left\{1\frac{3}{8}\right\}$

3) $-\frac{3}{5}b = -\frac{119}{25}$

- A) $\left\{7\frac{14}{15}\right\}$ B) $\left\{7\frac{3}{11}\right\}$
C) $\left\{-1\frac{16}{17}\right\}$ D) $\left\{7\frac{8}{9}\right\}$

4) $-\frac{37}{160} = \frac{x}{16}$

- A) $\left\{-2\frac{5}{13}\right\}$ B) $\left\{9\frac{3}{14}\right\}$
C) $\left\{-3\frac{7}{10}\right\}$ D) $\left\{1\frac{4}{5}\right\}$

5) $-\frac{11}{10} = \frac{11}{3}p$

- A) $\left\{\frac{2}{5}\right\}$ B) $\left\{-\frac{3}{10}\right\}$
C) $\left\{2\frac{3}{14}\right\}$ D) $\left\{-3\frac{3}{4}\right\}$

6) $1\frac{7}{32} = -\frac{3}{4}v$

- A) $\left\{\frac{15}{32}\right\}$ B) $\{-2\}$
C) $\left\{1\frac{31}{32}\right\}$ D) $\left\{-1\frac{5}{8}\right\}$

7) $-5\frac{25}{187} = 3\frac{7}{11}n$

- A) $\left\{1\frac{1}{2}\right\}$ B) $\left\{-1\frac{8}{9}\right\}$
C) $\left\{-1\frac{7}{17}\right\}$ D) $\left\{2\frac{1}{7}\right\}$

8) $-\frac{15}{13} = \frac{n}{2}$

- A) $\left\{-\frac{15}{26}\right\}$ B) $\left\{-2\frac{4}{13}\right\}$
C) $\left\{-3\frac{2}{13}\right\}$ D) $\left\{\frac{11}{13}\right\}$

9) $\frac{5}{16}x = 2\frac{179}{288}$

- A) $\left\{2\frac{8}{15}\right\}$ B) $\{1\}$
C) $\left\{-1\frac{9}{10}\right\}$ D) $\left\{8\frac{7}{18}\right\}$

10) $-\frac{2}{3}k = -4\frac{1}{6}$

- A) $\left\{-5\frac{2}{3}\right\}$ B) $\left\{6\frac{1}{4}\right\}$
C) $\left\{2\frac{7}{9}\right\}$ D) $\left\{-2\frac{2}{3}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $2\frac{3}{10}x = \frac{2369}{60}$

A) $\left\{7\frac{7}{8}\right\}$ *B) $\left\{17\frac{1}{6}\right\}$

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

2) $2\frac{3}{4}k = \frac{1}{2}$

A) $\left\{-2\frac{1}{4}\right\}$ *B) $\left\{\frac{2}{11}\right\}$

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

3) $-\frac{3}{5}b = -\frac{119}{25}$

*A) $\left\{7\frac{14}{15}\right\}$ B) $\left\{7\frac{3}{11}\right\}$

C) $\left\{-1\frac{16}{17}\right\}$ D) $\left\{7\frac{8}{9}\right\}$

4) $-\frac{37}{160} = \frac{x}{16}$

A) $\left\{-2\frac{5}{13}\right\}$ B) $\left\{9\frac{3}{14}\right\}$

*C) $\left\{-3\frac{7}{10}\right\}$ D) $\left\{1\frac{4}{5}\right\}$

5) $-\frac{11}{10} = \frac{11}{3}p$

A) $\left\{\frac{2}{5}\right\}$ *B) $\left\{-\frac{3}{10}\right\}$

C) $\left\{2\frac{3}{14}\right\}$ D) $\left\{-3\frac{3}{4}\right\}$

6) $1\frac{7}{32} = -\frac{3}{4}v$

A) $\left\{\frac{15}{32}\right\}$ B) $\{-2\}$

C) $\left\{1\frac{31}{32}\right\}$ *D) $\left\{-1\frac{5}{8}\right\}$

7) $-5\frac{25}{187} = 3\frac{7}{11}n$

A) $\left\{1\frac{1}{2}\right\}$ B) $\left\{-1\frac{8}{9}\right\}$

*C) $\left\{-1\frac{7}{17}\right\}$ D) $\left\{2\frac{1}{7}\right\}$

8) $-\frac{15}{13} = \frac{n}{2}$

A) $\left\{-\frac{15}{26}\right\}$ *B) $\left\{-2\frac{4}{13}\right\}$

C) $\left\{-3\frac{2}{13}\right\}$ D) $\left\{\frac{11}{13}\right\}$

9) $\frac{5}{16}x = 2\frac{179}{288}$

A) $\left\{2\frac{8}{15}\right\}$ B) $\{1\}$

C) $\left\{-1\frac{9}{10}\right\}$ *D) $\left\{8\frac{7}{18}\right\}$

10) $-\frac{2}{3}k = -4\frac{1}{6}$

A) $\left\{-5\frac{2}{3}\right\}$ *B) $\left\{6\frac{1}{4}\right\}$

C) $\left\{2\frac{7}{9}\right\}$ D) $\left\{-2\frac{2}{3}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{1}{18}n = \frac{11}{117}$

- A) $\left\{1\frac{9}{13}\right\}$ B) $\left\{9\frac{5}{17}\right\}$
C) $\left\{\frac{1}{26}\right\}$ D) $\left\{-1\frac{1}{2}\right\}$

2) $-\frac{54}{275} = \frac{6n}{55}$

- A) $\left\{10\frac{7}{20}\right\}$ B) $\left\{-1\frac{4}{5}\right\}$
C) $\left\{\frac{1}{5}\right\}$ D) $\{20\}$

3) $4\frac{1}{2} = \frac{9}{5}n$

- A) $\left\{8\frac{1}{10}\right\}$ B) $\left\{6\frac{3}{10}\right\}$
C) $\left\{2\frac{1}{2}\right\}$ D) $\left\{2\frac{7}{10}\right\}$

4) $11\frac{13}{25} = -\frac{3}{5}r$

- A) $\left\{-19\frac{1}{5}\right\}$ B) $\left\{1\frac{1}{3}\right\}$
C) $\left\{1\frac{5}{6}\right\}$ D) $\left\{-1\frac{1}{8}\right\}$

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

- A) $\left\{-3\frac{6}{25}\right\}$ B) $\left\{3\frac{3}{5}\right\}$
C) $\{0\}$ D) $\{-1\}$

6) $7\frac{11}{17}r = \frac{585}{119}$

- A) $\left\{-\frac{1}{14}\right\}$ B) $\left\{-\frac{1}{3}\right\}$
C) $\left\{\frac{9}{14}\right\}$ D) $\left\{-1\frac{9}{20}\right\}$

7) $-\frac{116}{135} = \frac{29}{18}a$

- A) $\left\{-\frac{8}{15}\right\}$ B) $\left\{-1\frac{1}{3}\right\}$
C) $\left\{-\frac{5}{7}\right\}$ D) $\left\{-3\frac{5}{6}\right\}$

8) $-1\frac{5}{14}p = \frac{38}{49}$

- A) $\left\{-\frac{57}{98}\right\}$ B) $\left\{-\frac{4}{7}\right\}$
C) $\left\{10\frac{7}{18}\right\}$ D) $\left\{1\frac{17}{19}\right\}$

9) $10\frac{95}{112} = \frac{9}{8}x$

- A) $\left\{-1\frac{1}{2}\right\}$ B) $\left\{9\frac{9}{14}\right\}$
C) $\left\{-\frac{1}{2}\right\}$ D) $\left\{6\frac{9}{14}\right\}$

10) $-3\frac{4}{19}r = 3\frac{4}{19}$

- A) $\left\{10\frac{2}{7}\right\}$ B) $\{-9\}$
C) $\{0\}$ D) $\{-1\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{1}{18}n = \frac{11}{117}$

- *A) $\left\{1\frac{9}{13}\right\}$ B) $\left\{9\frac{5}{17}\right\}$
C) $\left\{\frac{1}{26}\right\}$ D) $\left\{-1\frac{1}{2}\right\}$

2) $-\frac{54}{275} = \frac{6n}{55}$

- A) $\left\{10\frac{7}{20}\right\}$ *B) $\left\{-1\frac{4}{5}\right\}$
C) $\left\{\frac{1}{5}\right\}$ D) $\{20\}$

3) $4\frac{1}{2} = \frac{9}{5}n$

- A) $\left\{8\frac{1}{10}\right\}$ B) $\left\{6\frac{3}{10}\right\}$
*C) $\left\{2\frac{1}{2}\right\}$ D) $\left\{2\frac{7}{10}\right\}$

4) $11\frac{13}{25} = -\frac{3}{5}r$

- *A) $\left\{-19\frac{1}{5}\right\}$ B) $\left\{1\frac{1}{3}\right\}$
C) $\left\{1\frac{5}{6}\right\}$ D) $\left\{-1\frac{1}{8}\right\}$

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

- A) $\left\{-3\frac{6}{25}\right\}$ B) $\left\{3\frac{3}{5}\right\}$
C) $\{0\}$ *D) $\{-1\}$

6) $7\frac{11}{17}r = \frac{585}{119}$

- A) $\left\{-\frac{1}{14}\right\}$ B) $\left\{-\frac{1}{3}\right\}$
*C) $\left\{\frac{9}{14}\right\}$ D) $\left\{-1\frac{9}{20}\right\}$

7) $-\frac{116}{135} = \frac{29}{18}a$

- *A) $\left\{-\frac{8}{15}\right\}$ B) $\left\{-1\frac{1}{3}\right\}$
C) $\left\{-\frac{5}{7}\right\}$ D) $\left\{-3\frac{5}{6}\right\}$

8) $-1\frac{5}{14}p = \frac{38}{49}$

- A) $\left\{-\frac{57}{98}\right\}$ *B) $\left\{-\frac{4}{7}\right\}$
C) $\left\{10\frac{7}{18}\right\}$ D) $\left\{1\frac{17}{19}\right\}$

9) $10\frac{95}{112} = \frac{9}{8}x$

- A) $\left\{-1\frac{1}{2}\right\}$ *B) $\left\{9\frac{9}{14}\right\}$
C) $\left\{-\frac{1}{2}\right\}$ D) $\left\{6\frac{9}{14}\right\}$

10) $-3\frac{4}{19}r = 3\frac{4}{19}$

- A) $\left\{10\frac{2}{7}\right\}$ B) $\{-9\}$
C) $\{0\}$ *D) $\{-1\}$

Name:

Grade:

Date:

Solve each equation.

1) $-\frac{3}{4}n = -1\frac{5}{12}$

- A) $\left\{1\frac{1}{16}\right\}$ B) $\left\{1\frac{8}{9}\right\}$
C) $\left\{-2\frac{3}{4}\right\}$ D) $\left\{-\frac{1}{12}\right\}$

2) $\frac{4n}{33} = -\frac{20}{209}$

- A) $\left\{2\frac{3}{8}\right\}$ B) $\left\{7\frac{5}{6}\right\}$
C) $\left\{-\frac{15}{19}\right\}$ D) $\left\{-2\frac{3}{4}\right\}$

3) $7\frac{8}{17}a = -14\frac{129}{272}$

- A) $\left\{1\frac{7}{8}\right\}$ B) $\left\{-1\frac{15}{16}\right\}$
C) $\{-1\}$ D) $\left\{-1\frac{4}{5}\right\}$

4) $\frac{10}{7}v = \frac{1130}{77}$

- A) $\left\{-1\frac{3}{5}\right\}$ B) $\left\{5\frac{7}{12}\right\}$
C) $\left\{10\frac{3}{11}\right\}$ D) $\left\{\frac{8}{9}\right\}$

5) $2v = \frac{29}{3}$

- A) $\left\{11\frac{2}{3}\right\}$ B) $\left\{4\frac{5}{6}\right\}$
C) $\left\{19\frac{1}{3}\right\}$ D) $\left\{7\frac{2}{3}\right\}$

6) $\frac{3v}{11} = -\frac{3}{11}$

- A) $\left\{7\frac{5}{16}\right\}$ B) $\left\{3\frac{3}{14}\right\}$
C) $\left\{-1\frac{8}{19}\right\}$ D) $\{-1\}$

7) $2p = \frac{13}{7}$

- A) $\left\{-\frac{1}{7}\right\}$ B) $\left\{3\frac{6}{7}\right\}$
C) $\left\{3\frac{5}{7}\right\}$ D) $\left\{\frac{13}{14}\right\}$

8) $3\frac{1}{10}k = \frac{279}{55}$

- A) $\left\{1\frac{7}{11}\right\}$ B) $\left\{5\frac{1}{10}\right\}$
C) $\left\{\frac{4}{5}\right\}$ D) $\left\{10\frac{2}{13}\right\}$

9) $-\frac{145}{27} = -1\frac{11}{18}x$

- A) $\left\{2\frac{1}{12}\right\}$ B) $\{1\}$
C) $\left\{5\frac{14}{17}\right\}$ D) $\left\{3\frac{1}{3}\right\}$

10) $\frac{23}{225} = \frac{x}{15}$

- A) $\left\{-\frac{18}{19}\right\}$ B) $\left\{7\frac{3}{10}\right\}$
C) $\left\{1\frac{8}{15}\right\}$ D) $\left\{-2\frac{6}{7}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $-\frac{3}{4}n = -1\frac{5}{12}$

- A) $\left\{1\frac{1}{16}\right\}$ *B) $\left\{1\frac{8}{9}\right\}$
C) $\left\{-2\frac{3}{4}\right\}$ D) $\left\{-\frac{1}{12}\right\}$

2) $\frac{4n}{33} = -\frac{20}{209}$

- A) $\left\{2\frac{3}{8}\right\}$ B) $\left\{7\frac{5}{6}\right\}$
*C) $\left\{-\frac{15}{19}\right\}$ D) $\left\{-2\frac{3}{4}\right\}$

3) $7\frac{8}{17}a = -14\frac{129}{272}$

- A) $\left\{1\frac{7}{8}\right\}$ *B) $\left\{-1\frac{15}{16}\right\}$
C) $\{-1\}$ D) $\left\{-1\frac{4}{5}\right\}$

4) $\frac{10}{7}v = \frac{1130}{77}$

- A) $\left\{-1\frac{3}{5}\right\}$ B) $\left\{5\frac{7}{12}\right\}$
*C) $\left\{10\frac{3}{11}\right\}$ D) $\left\{\frac{8}{9}\right\}$

5) $2v = \frac{29}{3}$

- A) $\left\{11\frac{2}{3}\right\}$ *B) $\left\{4\frac{5}{6}\right\}$
C) $\left\{19\frac{1}{3}\right\}$ D) $\left\{7\frac{2}{3}\right\}$

6) $\frac{3v}{11} = -\frac{3}{11}$

- A) $\left\{7\frac{5}{16}\right\}$ B) $\left\{3\frac{3}{14}\right\}$
C) $\left\{-1\frac{8}{19}\right\}$ *D) $\{-1\}$

7) $2p = \frac{13}{7}$

- A) $\left\{-\frac{1}{7}\right\}$ B) $\left\{3\frac{6}{7}\right\}$
C) $\left\{3\frac{5}{7}\right\}$ *D) $\left\{\frac{13}{14}\right\}$

8) $3\frac{1}{10}k = \frac{279}{55}$

- *A) $\left\{1\frac{7}{11}\right\}$ B) $\left\{5\frac{1}{10}\right\}$
C) $\left\{\frac{4}{5}\right\}$ D) $\left\{10\frac{2}{13}\right\}$

9) $-\frac{145}{27} = -1\frac{11}{18}x$

- A) $\left\{2\frac{1}{12}\right\}$ B) $\{1\}$
C) $\left\{5\frac{14}{17}\right\}$ *D) $\left\{3\frac{1}{3}\right\}$

10) $\frac{23}{225} = \frac{x}{15}$

- A) $\left\{-\frac{18}{19}\right\}$ B) $\left\{7\frac{3}{10}\right\}$
*C) $\left\{1\frac{8}{15}\right\}$ D) $\left\{-2\frac{6}{7}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{9x}{22} = -\frac{135}{242}$

A) $\left\{-1\frac{15}{19}\right\}$ B) $\left\{-1\frac{4}{11}\right\}$

C) $\left\{-1\frac{2}{5}\right\}$ D) $\left\{1\frac{2}{9}\right\}$

2) $-1\frac{1}{35} = -\frac{4}{5}a$

A) $\left\{10\frac{11}{16}\right\}$ B) $\left\{1\frac{2}{7}\right\}$

C) $\left\{\frac{1}{2}\right\}$ D) $\left\{-1\frac{4}{15}\right\}$

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

A) $\left\{-2\frac{1}{2}\right\}$ B) $\left\{-\frac{7}{18}\right\}$

C) $\{-14\}$ D) $\left\{-2\frac{1}{6}\right\}$

4) $-1\frac{17}{19} = 3b$

A) $\left\{-\frac{12}{19}\right\}$ B) $\left\{-1\frac{32}{57}\right\}$

C) $\{2\}$ D) $\{-2\}$

5) $\frac{13}{40} = -\frac{13}{10}n$

A) $\left\{\frac{1}{2}\right\}$ B) $\left\{9\frac{5}{11}\right\}$

C) $\left\{-\frac{1}{4}\right\}$ D) $\left\{-\frac{3}{5}\right\}$

6) $\frac{1339}{240} = 8\frac{7}{12}x$

A) $\left\{9\frac{12}{19}\right\}$ B) $\left\{8\frac{3}{14}\right\}$

C) $\left\{\frac{13}{20}\right\}$ D) $\left\{1\frac{2}{3}\right\}$

7) $-\frac{16}{3} = -2a$

A) $\left\{2\frac{2}{3}\right\}$ B) $\left\{10\frac{2}{3}\right\}$

C) $\left\{-3\frac{1}{3}\right\}$ D) $\left\{-7\frac{1}{3}\right\}$

8) $\frac{10r}{13} = -\frac{10}{13}$

A) $\{-1\}$ B) $\left\{7\frac{13}{19}\right\}$

C) $\left\{\frac{5}{13}\right\}$ D) $\left\{5\frac{1}{2}\right\}$

9) $1\frac{11}{18}x = -\frac{377}{120}$

A) $\left\{7\frac{6}{7}\right\}$ B) $\left\{-1\frac{19}{20}\right\}$

C) $\{-2\}$ D) $\left\{3\frac{5}{6}\right\}$

10) $\frac{11m}{46} = \frac{77}{230}$

A) $\left\{4\frac{3}{8}\right\}$ B) $\{2\}$

C) $\left\{-2\frac{1}{2}\right\}$ D) $\left\{1\frac{2}{5}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $\frac{9x}{22} = -\frac{135}{242}$

A) $\left\{-1\frac{15}{19}\right\}$ *B) $\left\{-1\frac{4}{11}\right\}$

C) $\left\{-1\frac{2}{5}\right\}$ D) $\left\{1\frac{2}{9}\right\}$

2) $-1\frac{1}{35} = -\frac{4}{5}a$

A) $\left\{10\frac{11}{16}\right\}$ *B) $\left\{1\frac{2}{7}\right\}$

C) $\left\{\frac{1}{2}\right\}$ D) $\left\{-1\frac{4}{15}\right\}$

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

A) $\left\{-2\frac{1}{2}\right\}$ B) $\left\{-\frac{7}{18}\right\}$

*C) $\{-14\}$ D) $\left\{-2\frac{1}{6}\right\}$

4) $-1\frac{17}{19} = 3b$

*A) $\left\{-\frac{12}{19}\right\}$ B) $\left\{-1\frac{32}{57}\right\}$

C) $\{2\}$ D) $\{-2\}$

5) $\frac{13}{40} = -\frac{13}{10}n$

A) $\left\{\frac{1}{2}\right\}$ B) $\left\{9\frac{5}{11}\right\}$

*C) $\left\{-\frac{1}{4}\right\}$ D) $\left\{-\frac{3}{5}\right\}$

6) $\frac{1339}{240} = 8\frac{7}{12}x$

A) $\left\{9\frac{12}{19}\right\}$ B) $\left\{8\frac{3}{14}\right\}$

*C) $\left\{\frac{13}{20}\right\}$ D) $\left\{1\frac{2}{3}\right\}$

7) $-\frac{16}{3} = -2a$

*A) $\left\{2\frac{2}{3}\right\}$ B) $\left\{10\frac{2}{3}\right\}$

C) $\left\{-3\frac{1}{3}\right\}$ D) $\left\{-7\frac{1}{3}\right\}$

8) $\frac{10r}{13} = -\frac{10}{13}$

*A) $\{-1\}$ B) $\left\{7\frac{13}{19}\right\}$

C) $\left\{\frac{5}{13}\right\}$ D) $\left\{5\frac{1}{2}\right\}$

9) $1\frac{11}{18}x = -\frac{377}{120}$

A) $\left\{7\frac{6}{7}\right\}$ *B) $\left\{-1\frac{19}{20}\right\}$

C) $\{-2\}$ D) $\left\{3\frac{5}{6}\right\}$

10) $\frac{11m}{46} = \frac{77}{230}$

A) $\left\{4\frac{3}{8}\right\}$ B) $\{2\}$

C) $\left\{-2\frac{1}{2}\right\}$ *D) $\left\{1\frac{2}{5}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $-\frac{3}{11}b = -\frac{69}{77}$

- A) $\left\{9\frac{12}{19}\right\}$ B) $\left\{-\frac{48}{77}\right\}$
C) $\left\{3\frac{2}{7}\right\}$ D) $\left\{-1\frac{13}{77}\right\}$

2) $-2\frac{5}{12}k = -\frac{261}{34}$

- A) $\left\{7\frac{19}{20}\right\}$ B) $\left\{3\frac{3}{17}\right\}$
C) $\left\{1\frac{2}{5}\right\}$ D) $\left\{6\frac{3}{5}\right\}$

3) $\frac{13m}{48} = \frac{377}{256}$

- A) $\left\{3\frac{5}{6}\right\}$ B) $\left\{-1\frac{1}{2}\right\}$
C) $\left\{1\frac{3}{7}\right\}$ D) $\left\{5\frac{7}{16}\right\}$

4) $-\frac{135}{584} = \frac{10n}{73}$

- A) $\left\{-1\frac{11}{16}\right\}$ B) $\left\{8\frac{7}{15}\right\}$
C) $\left\{6\frac{19}{20}\right\}$ D) $\left\{1\frac{1}{3}\right\}$

5) $\frac{18p}{139} = -\frac{117}{695}$

- A) $\left\{-3\frac{1}{3}\right\}$ B) $\left\{-1\frac{3}{10}\right\}$
C) $\left\{-1\frac{15}{19}\right\}$ D) $\left\{-3\frac{5}{8}\right\}$

6) $\frac{93}{50} = \frac{8a}{25}$

- A) $\left\{9\frac{2}{7}\right\}$ B) $\left\{1\frac{2}{3}\right\}$
C) $\left\{\frac{1}{4}\right\}$ D) $\left\{5\frac{13}{16}\right\}$

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

- A) $\{2\}$ B) $\left\{\frac{3}{4}\right\}$
C) $\{-1\}$ D) $\left\{\frac{1}{3}\right\}$

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

- A) $\left\{\frac{3}{4}\right\}$ B) $\left\{-\frac{1}{2}\right\}$
C) $\left\{-1\frac{1}{8}\right\}$ D) $\left\{-2\frac{1}{4}\right\}$

9) $9\frac{10}{13}n = -\frac{254}{13}$

- A) $\left\{-1\frac{3}{7}\right\}$ B) $\left\{\frac{7}{18}\right\}$
C) $\left\{-\frac{3}{5}\right\}$ D) $\{-2\}$

10) $\frac{8}{5}m = 3\frac{1}{5}$

- A) $\left\{4\frac{4}{5}\right\}$ B) $\{2\}$
C) $\left\{1\frac{3}{5}\right\}$ D) $\left\{\frac{3}{10}\right\}$

Name:

Grade:

Date:

Solve each equation.

1) $-\frac{3}{11}b = -\frac{69}{77}$

A) $\left\{9\frac{12}{19}\right\}$

B) $\left\{-\frac{48}{77}\right\}$

*C) $\left\{3\frac{2}{7}\right\}$

D) $\left\{-1\frac{13}{77}\right\}$

2) $-2\frac{5}{12}k = -\frac{261}{34}$

A) $\left\{7\frac{19}{20}\right\}$

*B) $\left\{3\frac{3}{17}\right\}$

C) $\left\{1\frac{2}{5}\right\}$

D) $\left\{6\frac{3}{5}\right\}$

3) $\frac{13m}{48} = \frac{377}{256}$

A) $\left\{3\frac{5}{6}\right\}$

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

C) $\left\{1\frac{3}{7}\right\}$

*D) $\left\{5\frac{7}{16}\right\}$

4) $-\frac{135}{584} = \frac{10n}{73}$

*A) $\left\{-1\frac{11}{16}\right\}$

B) $\left\{8\frac{7}{15}\right\}$

C) $\left\{6\frac{19}{20}\right\}$

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

5) $\frac{18p}{139} = -\frac{117}{695}$

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

*B) $\left\{-1\frac{3}{10}\right\}$

C) $\left\{-1\frac{15}{19}\right\}$

D) $\left\{-3\frac{5}{8}\right\}$

6) $\frac{93}{50} = \frac{8a}{25}$

A) $\left\{9\frac{2}{7}\right\}$

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

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

*D) $\left\{5\frac{13}{16}\right\}$

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

A) $\{2\}$

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

C) $\{-1\}$

*D) $\left\{\frac{1}{3}\right\}$

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

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

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

*C) $\left\{-1\frac{1}{8}\right\}$

D) $\left\{-2\frac{1}{4}\right\}$

9) $9\frac{10}{13}n = -\frac{254}{13}$

A) $\left\{-1\frac{3}{7}\right\}$

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

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

*D) $\{-2\}$

10) $\frac{8}{5}m = 3\frac{1}{5}$

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

*B) $\{2\}$

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

D) $\left\{\frac{3}{10}\right\}$