

Name:

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**Solve each equation.**

1)  $m + \frac{3}{10} = 9\frac{187}{190}$

- A)  $\left\{1\frac{1}{12}\right\}$       B)  $\left\{5\frac{13}{20}\right\}$   
C)  $\left\{9\frac{13}{19}\right\}$       D)  $\left\{-1\frac{4}{5}\right\}$

2)  $n + \left(-\frac{31}{19}\right) = -\frac{141}{133}$

- A)  $\left\{\frac{4}{7}\right\}$       B)  $\left\{-1\frac{14}{19}\right\}$   
C)  $\left\{1\frac{4}{17}\right\}$       D)  $\left\{3\frac{4}{9}\right\}$

3)  $r + 2 = 12\frac{9}{10}$

- A)  $\left\{\frac{1}{19}\right\}$       B)  $\{-1\}$   
C)  $\left\{10\frac{9}{10}\right\}$       D)  $\left\{-1\frac{3}{8}\right\}$

4)  $p + 3\frac{2}{13} = 6\frac{21}{52}$

- A)  $\left\{3\frac{1}{4}\right\}$       B)  $\left\{-\frac{3}{4}\right\}$   
C)  $\{1\}$       D)  $\left\{-\frac{10}{19}\right\}$

5)  $6\frac{17}{18} + b = \frac{49}{9}$

- A)  $\left\{8\frac{1}{16}\right\}$       B)  $\left\{\frac{3}{5}\right\}$   
C)  $\left\{1\frac{1}{12}\right\}$       D)  $\left\{-1\frac{1}{2}\right\}$

6)  $a - \left(-\frac{11}{7}\right) = \frac{197}{63}$

- A)  $\left\{1\frac{5}{14}\right\}$       B)  $\left\{-1\frac{4}{15}\right\}$   
C)  $\left\{1\frac{5}{9}\right\}$       D)  $\left\{9\frac{12}{13}\right\}$

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

- A)  $\left\{\frac{2}{5}\right\}$       B)  $\{-1\}$   
C)  $\left\{-\frac{1}{25}\right\}$       D)  $\{0\}$

8)  $p - \left(-\frac{1}{3}\right) = -1\frac{1}{6}$

- A)  $\left\{\frac{7}{18}\right\}$       B)  $\left\{3\frac{1}{2}\right\}$   
C)  $\left\{-1\frac{1}{2}\right\}$       D)  $\left\{-\frac{5}{6}\right\}$

9)  $-\frac{2}{9} - x = -\frac{13}{18}$

- A)  $\left\{-\frac{1}{2}\right\}$       B)  $\left\{-\frac{17}{18}\right\}$   
C)  $\left\{3\frac{1}{4}\right\}$       D)  $\left\{\frac{1}{2}\right\}$

10)  $v + (-5) = \frac{13}{16}$

- A)  $\left\{-\frac{13}{80}\right\}$       B)  $\left\{5\frac{13}{16}\right\}$   
C)  $\left\{-4\frac{3}{16}\right\}$       D)  $\left\{-4\frac{1}{16}\right\}$

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**Solve each equation.**

1)  $m + \frac{3}{10} = 9\frac{187}{190}$

- A)  $\left\{1\frac{1}{12}\right\}$       B)  $\left\{5\frac{13}{20}\right\}$   
\*C)  $\left\{9\frac{13}{19}\right\}$       D)  $\left\{-1\frac{4}{5}\right\}$

2)  $n + \left(-\frac{31}{19}\right) = -\frac{141}{133}$

- \*A)  $\left\{\frac{4}{7}\right\}$       B)  $\left\{-1\frac{14}{19}\right\}$   
C)  $\left\{1\frac{4}{17}\right\}$       D)  $\left\{3\frac{4}{9}\right\}$

3)  $r + 2 = 12\frac{9}{10}$

- A)  $\left\{\frac{1}{19}\right\}$       B)  $\{-1\}$   
\*C)  $\left\{10\frac{9}{10}\right\}$       D)  $\left\{-1\frac{3}{8}\right\}$

4)  $p + 3\frac{2}{13} = 6\frac{21}{52}$

- \*A)  $\left\{3\frac{1}{4}\right\}$       B)  $\left\{-\frac{3}{4}\right\}$   
C)  $\{1\}$       D)  $\left\{-\frac{10}{19}\right\}$

5)  $6\frac{17}{18} + b = \frac{49}{9}$

- A)  $\left\{8\frac{1}{16}\right\}$       B)  $\left\{\frac{3}{5}\right\}$   
C)  $\left\{1\frac{1}{12}\right\}$       \*D)  $\left\{-1\frac{1}{2}\right\}$

6)  $a - \left(-\frac{11}{7}\right) = \frac{197}{63}$

- A)  $\left\{1\frac{5}{14}\right\}$       B)  $\left\{-1\frac{4}{15}\right\}$   
\*C)  $\left\{1\frac{5}{9}\right\}$       D)  $\left\{9\frac{12}{13}\right\}$

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

- A)  $\left\{\frac{2}{5}\right\}$       B)  $\{-1\}$   
C)  $\left\{-\frac{1}{25}\right\}$       \*D)  $\{0\}$

8)  $p - \left(-\frac{1}{3}\right) = -1\frac{1}{6}$

- A)  $\left\{\frac{7}{18}\right\}$       B)  $\left\{3\frac{1}{2}\right\}$   
\*C)  $\left\{-1\frac{1}{2}\right\}$       D)  $\left\{-\frac{5}{6}\right\}$

9)  $-\frac{2}{9} - x = -\frac{13}{18}$

- A)  $\left\{-\frac{1}{2}\right\}$       B)  $\left\{-\frac{17}{18}\right\}$   
C)  $\left\{3\frac{1}{4}\right\}$       \*D)  $\left\{\frac{1}{2}\right\}$

10)  $v + (-5) = \frac{13}{16}$

- A)  $\left\{-\frac{13}{80}\right\}$       \*B)  $\left\{5\frac{13}{16}\right\}$   
C)  $\left\{-4\frac{3}{16}\right\}$       D)  $\left\{-4\frac{1}{16}\right\}$

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**Solve each equation.**

1)  $-\frac{1}{5} - x = -10\frac{1}{30}$

- A)  $\left\{-\frac{11}{17}\right\}$       B)  $\left\{9\frac{5}{6}\right\}$   
C)  $\left\{-9\frac{5}{6}\right\}$       D)  $\left\{3\frac{11}{18}\right\}$

2)  $-\frac{9}{5} + n = \frac{17}{35}$

- A)  $\left\{-\frac{17}{63}\right\}$       B)  $\left\{-1\frac{11}{35}\right\}$   
C)  $\left\{\frac{12}{19}\right\}$       D)  $\left\{2\frac{2}{7}\right\}$

3)  $4\frac{1}{18} - a = -4\frac{55}{63}$

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

4)  $x + (-10) = -10\frac{1}{9}$

- A)  $\left\{\frac{3}{5}\right\}$       B)  $\left\{-\frac{1}{9}\right\}$   
C)  $\left\{1\frac{1}{90}\right\}$       D)  $\left\{-2\frac{17}{18}\right\}$

5)  $n + 8\frac{3}{14} = 9\frac{73}{112}$

- A)  $\left\{1\frac{7}{16}\right\}$       B)  $\left\{1\frac{7}{40}\right\}$   
C)  $\left\{-2\frac{1}{4}\right\}$       D)  $\left\{\frac{3}{7}\right\}$

6)  $m - \left(-\frac{1}{9}\right) = 3\frac{11}{45}$

- A)  $\left\{6\frac{9}{10}\right\}$       B)  $\left\{-1\frac{11}{13}\right\}$   
C)  $\left\{1\frac{3}{19}\right\}$       D)  $\left\{3\frac{2}{15}\right\}$

7)  $n - \frac{2}{5} = 1\frac{28}{55}$

- A)  $\{-1\}$       B)  $\left\{1\frac{10}{11}\right\}$   
C)  $\left\{3\frac{17}{22}\right\}$       D)  $\left\{1\frac{6}{55}\right\}$

8)  $\frac{3}{5} - n = -\frac{31}{40}$

- A)  $\left\{-\frac{7}{40}\right\}$       B)  $\left\{-1\frac{3}{8}\right\}$   
C)  $\left\{1\frac{3}{8}\right\}$       D)  $\left\{-1\frac{7}{24}\right\}$

9)  $x + \frac{2}{5} = 9\frac{29}{60}$

- A)  $\left\{-1\frac{3}{4}\right\}$       B)  $\left\{-3\frac{1}{2}\right\}$   
C)  $\left\{9\frac{1}{12}\right\}$       D)  $\left\{6\frac{9}{10}\right\}$

10)  $x + \left(-3\frac{16}{17}\right) = \frac{137}{306}$

- A)  $\left\{-\frac{1}{9}\right\}$       B)  $\left\{8\frac{7}{8}\right\}$   
C)  $\left\{-2\frac{5}{7}\right\}$       D)  $\left\{4\frac{7}{18}\right\}$

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**Solve each equation.**

1)  $-\frac{1}{5} - x = -10\frac{1}{30}$

- A)  $\left\{-\frac{11}{17}\right\}$       \*B)  $\left\{9\frac{5}{6}\right\}$   
C)  $\left\{-9\frac{5}{6}\right\}$       D)  $\left\{3\frac{11}{18}\right\}$

2)  $-\frac{9}{5} + n = \frac{17}{35}$

- A)  $\left\{-\frac{17}{63}\right\}$       B)  $\left\{-1\frac{11}{35}\right\}$   
C)  $\left\{\frac{12}{19}\right\}$       \*D)  $\left\{2\frac{2}{7}\right\}$

3)  $4\frac{1}{18} - a = -4\frac{55}{63}$

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

4)  $x + (-10) = -10\frac{1}{9}$

- A)  $\left\{\frac{3}{5}\right\}$       \*B)  $\left\{-\frac{1}{9}\right\}$   
C)  $\left\{1\frac{1}{90}\right\}$       D)  $\left\{-2\frac{17}{18}\right\}$

5)  $n + 8\frac{3}{14} = 9\frac{73}{112}$

- \*A)  $\left\{1\frac{7}{16}\right\}$       B)  $\left\{1\frac{7}{40}\right\}$   
C)  $\left\{-2\frac{1}{4}\right\}$       D)  $\left\{\frac{3}{7}\right\}$

6)  $m - \left(-\frac{1}{9}\right) = 3\frac{11}{45}$

- A)  $\left\{6\frac{9}{10}\right\}$       B)  $\left\{-1\frac{11}{13}\right\}$   
C)  $\left\{1\frac{3}{19}\right\}$       \*D)  $\left\{3\frac{2}{15}\right\}$

7)  $n - \frac{2}{5} = 1\frac{28}{55}$

- A)  $\{-1\}$       \*B)  $\left\{1\frac{10}{11}\right\}$   
C)  $\left\{3\frac{17}{22}\right\}$       D)  $\left\{1\frac{6}{55}\right\}$

8)  $\frac{3}{5} - n = -\frac{31}{40}$

- A)  $\left\{-\frac{7}{40}\right\}$       B)  $\left\{-1\frac{3}{8}\right\}$   
\*C)  $\left\{1\frac{3}{8}\right\}$       D)  $\left\{-1\frac{7}{24}\right\}$

9)  $x + \frac{2}{5} = 9\frac{29}{60}$

- A)  $\left\{-1\frac{3}{4}\right\}$       B)  $\left\{-3\frac{1}{2}\right\}$   
\*C)  $\left\{9\frac{1}{12}\right\}$       D)  $\left\{6\frac{9}{10}\right\}$

10)  $x + \left(-3\frac{16}{17}\right) = \frac{137}{306}$

- A)  $\left\{-\frac{1}{9}\right\}$       B)  $\left\{8\frac{7}{8}\right\}$   
C)  $\left\{-2\frac{5}{7}\right\}$       \*D)  $\left\{4\frac{7}{18}\right\}$

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**Solve each equation.**

1)  $x - 3\frac{12}{13} = 4\frac{72}{91}$

- A)  $\left\{-2\frac{2}{9}\right\}$       B)  $\left\{8\frac{5}{7}\right\}$   
C)  $\left\{\frac{79}{91}\right\}$       D)  $\left\{5\frac{2}{15}\right\}$

2)  $\frac{5}{19} + r = 1\frac{16}{133}$

- A)  $\left\{\frac{6}{7}\right\}$       B)  $\left\{-1\frac{5}{7}\right\}$   
C)  $\left\{1\frac{8}{19}\right\}$       D)  $\left\{\frac{5}{12}\right\}$

3)  $x + 8\frac{1}{4} = 19\frac{1}{16}$

- A)  $\left\{7\frac{11}{12}\right\}$       B)  $\left\{\frac{1}{2}\right\}$   
C)  $\left\{10\frac{13}{16}\right\}$       D)  $\{2\}$

4)  $-\frac{1}{4} + x = \frac{13}{12}$

- A)  $\left\{-4\frac{1}{3}\right\}$       B)  $\left\{-\frac{13}{48}\right\}$   
C)  $\left\{1\frac{1}{3}\right\}$       D)  $\left\{\frac{5}{6}\right\}$

5)  $-\frac{4}{5} - p = -5\frac{47}{90}$

- A)  $\left\{10\frac{5}{16}\right\}$       B)  $\left\{7\frac{5}{12}\right\}$   
C)  $\left\{-4\frac{13}{18}\right\}$       D)  $\left\{4\frac{13}{18}\right\}$

6)  $6\frac{19}{20} + n = 14\frac{9}{20}$

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

7)  $-11\frac{9}{10} - x = -14\frac{9}{110}$

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

8)  $-2\frac{3}{11} + b = -\frac{26}{55}$

- A)  $\left\{-1\frac{11}{18}\right\}$       B)  $\left\{-1\frac{5}{6}\right\}$   
C)  $\left\{\frac{1}{2}\right\}$       D)  $\left\{1\frac{4}{5}\right\}$

9)  $x + \left(-\frac{11}{12}\right) = -\frac{179}{84}$

- A)  $\left\{-3\frac{1}{21}\right\}$       B)  $\left\{-1\frac{3}{14}\right\}$   
C)  $\{-20\}$       D)  $\left\{\frac{11}{14}\right\}$

10)  $a - \frac{4}{5} = 8\frac{4}{5}$

- A)  $\{11\}$       B)  $\{8\}$   
C)  $\left\{-1\frac{6}{7}\right\}$       D)  $\left\{9\frac{3}{5}\right\}$

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**Solve each equation.**

1)  $x - 3\frac{12}{13} = 4\frac{72}{91}$

- A)  $\left\{-2\frac{2}{9}\right\}$       \*B)  $\left\{8\frac{5}{7}\right\}$   
C)  $\left\{\frac{79}{91}\right\}$       D)  $\left\{5\frac{2}{15}\right\}$

2)  $\frac{5}{19} + r = 1\frac{16}{133}$

- \*A)  $\left\{\frac{6}{7}\right\}$       B)  $\left\{-1\frac{5}{7}\right\}$   
C)  $\left\{1\frac{8}{19}\right\}$       D)  $\left\{\frac{5}{12}\right\}$

3)  $x + 8\frac{1}{4} = 19\frac{1}{16}$

- A)  $\left\{7\frac{11}{12}\right\}$       B)  $\left\{\frac{1}{2}\right\}$   
\*C)  $\left\{10\frac{13}{16}\right\}$       D)  $\{2\}$

4)  $-\frac{1}{4} + x = \frac{13}{12}$

- A)  $\left\{-4\frac{1}{3}\right\}$       B)  $\left\{-\frac{13}{48}\right\}$   
\*C)  $\left\{1\frac{1}{3}\right\}$       D)  $\left\{\frac{5}{6}\right\}$

5)  $-\frac{4}{5} - p = -5\frac{47}{90}$

- A)  $\left\{10\frac{5}{16}\right\}$       B)  $\left\{7\frac{5}{12}\right\}$   
C)  $\left\{-4\frac{13}{18}\right\}$       \*D)  $\left\{4\frac{13}{18}\right\}$

6)  $6\frac{19}{20} + n = 14\frac{9}{20}$

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

7)  $-11\frac{9}{10} - x = -14\frac{9}{110}$

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

8)  $-2\frac{3}{11} + b = -\frac{26}{55}$

- A)  $\left\{-1\frac{11}{18}\right\}$       B)  $\left\{-1\frac{5}{6}\right\}$   
C)  $\left\{\frac{1}{2}\right\}$       \*D)  $\left\{1\frac{4}{5}\right\}$

9)  $x + \left(-\frac{11}{12}\right) = -\frac{179}{84}$

- A)  $\left\{-3\frac{1}{21}\right\}$       \*B)  $\left\{-1\frac{3}{14}\right\}$   
C)  $\{-20\}$       D)  $\left\{\frac{11}{14}\right\}$

10)  $a - \frac{4}{5} = 8\frac{4}{5}$

- A)  $\{11\}$       B)  $\{8\}$   
C)  $\left\{-1\frac{6}{7}\right\}$       \*D)  $\left\{9\frac{3}{5}\right\}$

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Solve each equation.

1)  $n + \frac{4}{17} = \frac{33}{68}$

A)  $\left\{-1\frac{12}{17}\right\}$

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

C)  $\left\{\frac{49}{68}\right\}$

D)  $\left\{2\frac{1}{16}\right\}$

2)  $\frac{7}{6} + k = -2\frac{19}{30}$

A)  $\left\{-3\frac{4}{5}\right\}$

B)  $\left\{-2\frac{9}{35}\right\}$

C)  $\left\{-1\frac{7}{15}\right\}$

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

3)  $n + 6\frac{3}{8} = 7\frac{3}{8}$

A)  $\left\{13\frac{3}{4}\right\}$

B)  $\{1\}$

C)  $\left\{-3\frac{4}{7}\right\}$

D)  $\left\{1\frac{8}{51}\right\}$

4)  $x + \frac{5}{4} = \frac{223}{60}$

A)  $\left\{2\frac{7}{15}\right\}$

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

C)  $\left\{1\frac{10}{19}\right\}$

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

5)  $v - 2 = -3\frac{14}{17}$

A)  $\left\{-5\frac{14}{17}\right\}$

B)  $\left\{-1\frac{14}{17}\right\}$

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

D)  $\left\{-1\frac{31}{34}\right\}$

6)  $n + 4\frac{3}{5} = 12\frac{1}{10}$

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

B)  $\left\{8\frac{14}{15}\right\}$

C)  $\left\{4\frac{7}{12}\right\}$

D)  $\left\{7\frac{5}{6}\right\}$

7)  $7\frac{7}{9} - p = \frac{281}{72}$

A)  $\left\{10\frac{1}{17}\right\}$

B)  $\left\{-3\frac{7}{8}\right\}$

C)  $\left\{3\frac{7}{8}\right\}$

D)  $\left\{-1\frac{5}{8}\right\}$

8)  $k - 6\frac{1}{18} = \frac{443}{45}$

A)  $\{-5\}$

B)  $\left\{15\frac{9}{10}\right\}$

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

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

9)  $\frac{5}{6} - r = -8\frac{29}{48}$

A)  $\left\{1\frac{4}{5}\right\}$

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

C)  $\left\{9\frac{7}{16}\right\}$

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

10)  $10\frac{16}{19} + k = 8\frac{16}{19}$

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

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

C)  $\left\{-\frac{7}{12}\right\}$

D)  $\{-2\}$

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**Solve each equation.**

1)  $n + \frac{4}{17} = \frac{33}{68}$

- A)  $\left\{-1\frac{12}{17}\right\}$       \*B)  $\left\{\frac{1}{4}\right\}$   
C)  $\left\{\frac{49}{68}\right\}$       D)  $\left\{2\frac{1}{16}\right\}$

2)  $\frac{7}{6} + k = -2\frac{19}{30}$

- \*A)  $\left\{-3\frac{4}{5}\right\}$       B)  $\left\{-2\frac{9}{35}\right\}$   
C)  $\left\{-1\frac{7}{15}\right\}$       D)  $\left\{\frac{5}{8}\right\}$

3)  $n + 6\frac{3}{8} = 7\frac{3}{8}$

- A)  $\left\{13\frac{3}{4}\right\}$       \*B)  $\{1\}$   
C)  $\left\{-3\frac{4}{7}\right\}$       D)  $\left\{1\frac{8}{51}\right\}$

4)  $x + \frac{5}{4} = \frac{223}{60}$

- \*A)  $\left\{2\frac{7}{15}\right\}$       B)  $\left\{-2\frac{1}{4}\right\}$   
C)  $\left\{1\frac{10}{19}\right\}$       D)  $\left\{\frac{1}{2}\right\}$

5)  $v - 2 = -3\frac{14}{17}$

- A)  $\left\{-5\frac{14}{17}\right\}$       \*B)  $\left\{-1\frac{14}{17}\right\}$   
C)  $\left\{1\frac{5}{9}\right\}$       D)  $\left\{-1\frac{31}{34}\right\}$

6)  $n + 4\frac{3}{5} = 12\frac{1}{10}$

- \*A)  $\left\{7\frac{1}{2}\right\}$       B)  $\left\{8\frac{14}{15}\right\}$   
C)  $\left\{4\frac{7}{12}\right\}$       D)  $\left\{7\frac{5}{6}\right\}$

7)  $7\frac{7}{9} - p = \frac{281}{72}$

- A)  $\left\{10\frac{1}{17}\right\}$       B)  $\left\{-3\frac{7}{8}\right\}$   
\*C)  $\left\{3\frac{7}{8}\right\}$       D)  $\left\{-1\frac{5}{8}\right\}$

8)  $k - 6\frac{1}{18} = \frac{443}{45}$

- A)  $\{-5\}$       \*B)  $\left\{15\frac{9}{10}\right\}$   
C)  $\left\{\frac{1}{19}\right\}$       D)  $\left\{-1\frac{3}{5}\right\}$

9)  $\frac{5}{6} - r = -8\frac{29}{48}$

- A)  $\left\{1\frac{4}{5}\right\}$       B)  $\left\{-\frac{13}{19}\right\}$   
\*C)  $\left\{9\frac{7}{16}\right\}$       D)  $\left\{1\frac{1}{5}\right\}$

10)  $10\frac{16}{19} + k = 8\frac{16}{19}$

- A)  $\left\{1\frac{7}{19}\right\}$       B)  $\left\{1\frac{1}{6}\right\}$   
C)  $\left\{-\frac{7}{12}\right\}$       \*D)  $\{-2\}$



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**Solve each equation.**

1)  $n + \frac{1}{2} = \frac{17}{30}$

- A)  $\left\{\frac{1}{15}\right\}$       B)  $\left\{\frac{17}{60}\right\}$   
C)  $\left\{1\frac{2}{15}\right\}$       D)  $\left\{1\frac{1}{15}\right\}$

2)  $10\frac{2}{3} + n = \frac{712}{33}$

- A)  $\left\{2\frac{1}{44}\right\}$       B)  $\left\{10\frac{4}{9}\right\}$   
C)  $\left\{10\frac{10}{11}\right\}$       D)  $\left\{-3\frac{5}{14}\right\}$

3)  $10\frac{11}{14} + m = \frac{1119}{70}$

- A)  $\left\{5\frac{1}{5}\right\}$       B)  $\left\{\frac{3}{20}\right\}$   
C)  $\left\{-1\frac{9}{20}\right\}$       D)  $\left\{-\frac{5}{11}\right\}$

4)  $b - 10\frac{3}{5} = -8\frac{19}{90}$

- A)  $\left\{4\frac{3}{10}\right\}$       B)  $\left\{1\frac{1}{5}\right\}$   
C)  $\left\{2\frac{7}{18}\right\}$       D)  $\left\{-\frac{3}{10}\right\}$

5)  $-\frac{1}{2} + k = 8$

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

6)  $6\frac{11}{19} + x = 10\frac{14}{57}$

- A)  $\left\{3\frac{2}{3}\right\}$       B)  $\{19\}$   
C)  $\left\{1\frac{3}{4}\right\}$       D)  $\left\{-\frac{3}{14}\right\}$

7)  $x + \frac{12}{7} = \frac{5}{7}$

- A)  $\left\{2\frac{3}{7}\right\}$       B)  $\left\{1\frac{11}{49}\right\}$   
C)  $\{-1\}$       D)  $\left\{\frac{5}{12}\right\}$

8)  $1\frac{10}{13} + x = \frac{139}{130}$

- A)  $\left\{-1\frac{6}{19}\right\}$       B)  $\left\{7\frac{1}{4}\right\}$   
C)  $\left\{-\frac{7}{10}\right\}$       D)  $\left\{2\frac{7}{12}\right\}$

9)  $-\frac{1}{6} + r = 1\frac{1}{21}$

- A)  $\left\{-\frac{11}{63}\right\}$       B)  $\left\{1\frac{3}{14}\right\}$   
C)  $\left\{-6\frac{2}{7}\right\}$       D)  $\left\{\frac{37}{42}\right\}$

10)  $v - \left(-3\frac{17}{18}\right) = 4\frac{101}{126}$

- A)  $\left\{6\frac{1}{2}\right\}$       B)  $\left\{\frac{6}{7}\right\}$   
C)  $\left\{\frac{11}{14}\right\}$       D)  $\left\{\frac{3}{19}\right\}$

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Solve each equation.

1)  $n + \frac{1}{2} = \frac{17}{30}$

- \*A)  $\left\{\frac{1}{15}\right\}$       B)  $\left\{\frac{17}{60}\right\}$   
C)  $\left\{1\frac{2}{15}\right\}$       D)  $\left\{1\frac{1}{15}\right\}$

2)  $10\frac{2}{3} + n = \frac{712}{33}$

- A)  $\left\{2\frac{1}{44}\right\}$       B)  $\left\{10\frac{4}{9}\right\}$   
\*C)  $\left\{10\frac{10}{11}\right\}$       D)  $\left\{-3\frac{5}{14}\right\}$

3)  $10\frac{11}{14} + m = \frac{1119}{70}$

- \*A)  $\left\{5\frac{1}{5}\right\}$       B)  $\left\{\frac{3}{20}\right\}$   
C)  $\left\{-1\frac{9}{20}\right\}$       D)  $\left\{-\frac{5}{11}\right\}$

4)  $b - 10\frac{3}{5} = -8\frac{19}{90}$

- A)  $\left\{4\frac{3}{10}\right\}$       B)  $\left\{1\frac{1}{5}\right\}$   
\*C)  $\left\{2\frac{7}{18}\right\}$       D)  $\left\{-\frac{3}{10}\right\}$

5)  $-\frac{1}{2} + k = 8$

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

6)  $6\frac{11}{19} + x = 10\frac{14}{57}$

- \*A)  $\left\{3\frac{2}{3}\right\}$       B)  $\{19\}$   
C)  $\left\{1\frac{3}{4}\right\}$       D)  $\left\{-\frac{3}{14}\right\}$

7)  $x + \frac{12}{7} = \frac{5}{7}$

- A)  $\left\{2\frac{3}{7}\right\}$       B)  $\left\{1\frac{11}{49}\right\}$   
\*C)  $\{-1\}$       D)  $\left\{\frac{5}{12}\right\}$

8)  $1\frac{10}{13} + x = \frac{139}{130}$

- A)  $\left\{-1\frac{6}{19}\right\}$       B)  $\left\{7\frac{1}{4}\right\}$   
\*C)  $\left\{-\frac{7}{10}\right\}$       D)  $\left\{2\frac{7}{12}\right\}$

9)  $-\frac{1}{6} + r = 1\frac{1}{21}$

- A)  $\left\{-\frac{11}{63}\right\}$       \*B)  $\left\{1\frac{3}{14}\right\}$   
C)  $\left\{-6\frac{2}{7}\right\}$       D)  $\left\{\frac{37}{42}\right\}$

10)  $v - \left(-3\frac{17}{18}\right) = 4\frac{101}{126}$

- A)  $\left\{6\frac{1}{2}\right\}$       \*B)  $\left\{\frac{6}{7}\right\}$   
C)  $\left\{\frac{11}{14}\right\}$       D)  $\left\{\frac{3}{19}\right\}$

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**Solve each equation.**

1)  $\frac{1791}{187} = n - \left(-2\frac{16}{17}\right)$

- A)  $\left\{\frac{6}{17}\right\}$       B)  $\left\{-\frac{11}{13}\right\}$   
C)  $\left\{1\frac{3}{10}\right\}$       D)  $\left\{6\frac{7}{11}\right\}$

2)  $-19\frac{2}{3} = k - 9\frac{2}{3}$

- A)  $\left\{-1\frac{11}{19}\right\}$       B)  $\{-10\}$   
C)  $\left\{-2\frac{1}{29}\right\}$       D)  $\left\{-29\frac{1}{3}\right\}$

3)  $3 = n - (-1)$

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

4)  $-\frac{43}{36} = -\frac{13}{9} + r$

- A)  $\left\{-2\frac{23}{36}\right\}$       B)  $\left\{-1\frac{2}{19}\right\}$   
C)  $\left\{\frac{1}{4}\right\}$       D)  $\left\{\frac{43}{52}\right\}$

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

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

6)  $10\frac{293}{304} = 9\frac{10}{19} - v$

- A)  $\left\{1\frac{3}{4}\right\}$       B)  $\{-17\}$   
C)  $\left\{-1\frac{7}{16}\right\}$       D)  $\left\{1\frac{7}{16}\right\}$

7)  $3\frac{25}{33} = -\frac{21}{11} + m$

- A)  $\left\{5\frac{2}{3}\right\}$       B)  $\left\{1\frac{28}{33}\right\}$   
C)  $\left\{1\frac{1}{3}\right\}$       D)  $\left\{-\frac{10}{19}\right\}$

8)  $3\frac{3}{10} = x + \frac{7}{4}$

- A)  $\{2\}$       B)  $\left\{1\frac{31}{35}\right\}$   
C)  $\left\{1\frac{11}{20}\right\}$       D)  $\{19\}$

9)  $1\frac{7}{10} = p - \left(-\frac{3}{5}\right)$

- A)  $\left\{-1\frac{1}{50}\right\}$       B)  $\left\{-2\frac{5}{6}\right\}$   
C)  $\left\{1\frac{1}{10}\right\}$       D)  $\left\{2\frac{3}{10}\right\}$

10)  $11\frac{20}{77} = 10\frac{5}{7} - k$

- A)  $\left\{-\frac{6}{11}\right\}$       B)  $\left\{1\frac{5}{14}\right\}$   
C)  $\left\{-\frac{7}{15}\right\}$       D)  $\left\{\frac{6}{11}\right\}$

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**Solve each equation.**

1)  $\frac{1791}{187} = n - \left(-2\frac{16}{17}\right)$

- A)  $\left\{\frac{6}{17}\right\}$       B)  $\left\{-\frac{11}{13}\right\}$   
C)  $\left\{1\frac{3}{10}\right\}$       \*D)  $\left\{6\frac{7}{11}\right\}$

2)  $-19\frac{2}{3} = k - 9\frac{2}{3}$

- A)  $\left\{-1\frac{11}{19}\right\}$       \*B)  $\{-10\}$   
C)  $\left\{-2\frac{1}{29}\right\}$       D)  $\left\{-29\frac{1}{3}\right\}$

3)  $3 = n - (-1)$

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

4)  $-\frac{43}{36} = -\frac{13}{9} + r$

- A)  $\left\{-2\frac{23}{36}\right\}$       B)  $\left\{-1\frac{2}{19}\right\}$   
\*C)  $\left\{\frac{1}{4}\right\}$       D)  $\left\{\frac{43}{52}\right\}$

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

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

6)  $10\frac{293}{304} = 9\frac{10}{19} - v$

- A)  $\left\{1\frac{3}{4}\right\}$       B)  $\{-17\}$   
\*C)  $\left\{-1\frac{7}{16}\right\}$       D)  $\left\{1\frac{7}{16}\right\}$

7)  $3\frac{25}{33} = -\frac{21}{11} + m$

- \*A)  $\left\{5\frac{2}{3}\right\}$       B)  $\left\{1\frac{28}{33}\right\}$   
C)  $\left\{1\frac{1}{3}\right\}$       D)  $\left\{-\frac{10}{19}\right\}$

8)  $3\frac{3}{10} = x + \frac{7}{4}$

- A)  $\{2\}$       B)  $\left\{1\frac{31}{35}\right\}$   
\*C)  $\left\{1\frac{11}{20}\right\}$       D)  $\{19\}$

9)  $1\frac{7}{10} = p - \left(-\frac{3}{5}\right)$

- A)  $\left\{-1\frac{1}{50}\right\}$       B)  $\left\{-2\frac{5}{6}\right\}$   
\*C)  $\left\{1\frac{1}{10}\right\}$       D)  $\left\{2\frac{3}{10}\right\}$

10)  $11\frac{20}{77} = 10\frac{5}{7} - k$

- \*A)  $\left\{-\frac{6}{11}\right\}$       B)  $\left\{1\frac{5}{14}\right\}$   
C)  $\left\{-\frac{7}{15}\right\}$       D)  $\left\{\frac{6}{11}\right\}$

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**Solve each equation.**

1)  $-4\frac{29}{30} = -\frac{2}{3} - b$

- A)  $\left\{7\frac{7}{18}\right\}$       B)  $\left\{9\frac{5}{6}\right\}$   
C)  $\left\{4\frac{3}{10}\right\}$       D)  $\left\{-4\frac{3}{10}\right\}$

2)  $\frac{35}{272} = -\frac{1}{17} + k$

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

3)  $-\frac{865}{306} = -\frac{15}{17} + m$

- A)  $\left\{-1\frac{17}{18}\right\}$       B)  $\left\{\frac{5}{16}\right\}$   
C)  $\left\{-1\frac{9}{10}\right\}$       D)  $\left\{5\frac{4}{11}\right\}$

4)  $\frac{3}{5} = 3\frac{1}{10} - n$

- A)  $\left\{-2\frac{1}{2}\right\}$       B)  $\left\{\frac{6}{31}\right\}$   
C)  $\left\{3\frac{7}{10}\right\}$       D)  $\left\{2\frac{1}{2}\right\}$

5)  $4\frac{1}{90} = n + \frac{2}{5}$

- A)  $\left\{1\frac{14}{15}\right\}$       B)  $\left\{\frac{11}{13}\right\}$   
C)  $\left\{3\frac{11}{18}\right\}$       D)  $\left\{-1\frac{10}{19}\right\}$

6)  $\frac{67}{18} = \frac{7}{9} - n$

- A)  $\left\{4\frac{1}{2}\right\}$       B)  $\left\{2\frac{17}{18}\right\}$   
C)  $\left\{-2\frac{17}{18}\right\}$       D)  $\left\{4\frac{11}{14}\right\}$

7)  $11\frac{32}{45} = v + 9\frac{4}{9}$

- A)  $\left\{\frac{1}{4}\right\}$       B)  $\left\{-1\frac{16}{17}\right\}$   
C)  $\left\{1\frac{6}{25}\right\}$       D)  $\left\{2\frac{4}{15}\right\}$

8)  $\frac{17}{22} = \frac{3}{11} - a$

- A)  $\left\{\frac{1}{2}\right\}$       B)  $\left\{1\frac{1}{22}\right\}$   
C)  $\left\{2\frac{5}{6}\right\}$       D)  $\left\{-\frac{1}{2}\right\}$

9)  $\frac{161}{171} = 1\frac{1}{19} - x$

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

10)  $\frac{133}{18} = 9\frac{7}{18} - k$

- A)  $\left\{1\frac{1}{12}\right\}$       B)  $\{-2\}$   
C)  $\left\{-1\frac{7}{9}\right\}$       D)  $\{2\}$

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Solve each equation.

1)  $-4\frac{29}{30} = -\frac{2}{3} - b$

- A)  $\left\{7\frac{7}{18}\right\}$       B)  $\left\{9\frac{5}{6}\right\}$   
\*C)  $\left\{4\frac{3}{10}\right\}$       D)  $\left\{-4\frac{3}{10}\right\}$

2)  $\frac{35}{272} = -\frac{1}{17} + k$

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

3)  $-\frac{865}{306} = -\frac{15}{17} + m$

- \*A)  $\left\{-1\frac{17}{18}\right\}$       B)  $\left\{\frac{5}{16}\right\}$   
C)  $\left\{-1\frac{9}{10}\right\}$       D)  $\left\{5\frac{4}{11}\right\}$

4)  $\frac{3}{5} = 3\frac{1}{10} - n$

- A)  $\left\{-2\frac{1}{2}\right\}$       B)  $\left\{\frac{6}{31}\right\}$   
C)  $\left\{3\frac{7}{10}\right\}$       \*D)  $\left\{2\frac{1}{2}\right\}$

5)  $4\frac{1}{90} = n + \frac{2}{5}$

- A)  $\left\{1\frac{14}{15}\right\}$       B)  $\left\{\frac{11}{13}\right\}$   
\*C)  $\left\{3\frac{11}{18}\right\}$       D)  $\left\{-1\frac{10}{19}\right\}$

6)  $\frac{67}{18} = \frac{7}{9} - n$

- A)  $\left\{4\frac{1}{2}\right\}$       B)  $\left\{2\frac{17}{18}\right\}$   
\*C)  $\left\{-2\frac{17}{18}\right\}$       D)  $\left\{4\frac{11}{14}\right\}$

7)  $11\frac{32}{45} = v + 9\frac{4}{9}$

- A)  $\left\{\frac{1}{4}\right\}$       B)  $\left\{-1\frac{16}{17}\right\}$   
C)  $\left\{1\frac{6}{25}\right\}$       \*D)  $\left\{2\frac{4}{15}\right\}$

8)  $\frac{17}{22} = \frac{3}{11} - a$

- A)  $\left\{\frac{1}{2}\right\}$       B)  $\left\{1\frac{1}{22}\right\}$   
C)  $\left\{2\frac{5}{6}\right\}$       \*D)  $\left\{-\frac{1}{2}\right\}$

9)  $\frac{161}{171} = 1\frac{1}{19} - x$

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

10)  $\frac{133}{18} = 9\frac{7}{18} - k$

- A)  $\left\{1\frac{1}{12}\right\}$       B)  $\{-2\}$   
C)  $\left\{-1\frac{7}{9}\right\}$       \*D)  $\{2\}$

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**Solve each equation.**

1)  $12\frac{37}{63} = a + 7\frac{9}{14}$

- A)  $\left\{-\frac{2}{15}\right\}$       B)  $\left\{4\frac{17}{18}\right\}$   
C)  $\left\{-\frac{1}{2}\right\}$       D)  $\left\{5\frac{3}{7}\right\}$

2)  $\frac{411}{76} = n - \frac{3}{4}$

- A)  $\left\{2\frac{17}{20}\right\}$       B)  $\left\{6\frac{3}{19}\right\}$   
C)  $\left\{\frac{1}{7}\right\}$       D)  $\left\{-1\frac{3}{14}\right\}$

3)  $-\frac{29}{8} = x - \left(-\frac{1}{4}\right)$

- A)  $\left\{-3\frac{3}{8}\right\}$       B)  $\left\{14\frac{1}{2}\right\}$   
C)  $\left\{-3\frac{7}{8}\right\}$       D)  $\left\{\frac{29}{32}\right\}$

4)  $\frac{167}{18} = 10\frac{7}{9} + n$

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

5)  $2\frac{5}{6} = m + \left(-\frac{3}{2}\right)$

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

6)  $-\frac{22}{3} = \frac{1}{2} - x$

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

7)  $\frac{955}{104} = -1\frac{1}{8} + p$

- A)  $\left\{10\frac{4}{13}\right\}$       B)  $\left\{-1\frac{16}{19}\right\}$   
C)  $\left\{7\frac{1}{2}\right\}$       D)  $\left\{1\frac{2}{7}\right\}$

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

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

9)  $-\frac{11}{10} = p - \left(-\frac{9}{10}\right)$

- A)  $\left\{1\frac{2}{9}\right\}$       B)  $\{-2\}$   
C)  $\left\{-\frac{1}{5}\right\}$       D)  $\left\{2\frac{11}{14}\right\}$

10)  $-\frac{4}{9} = -1\frac{1}{6} - k$

- A)  $\left\{\frac{13}{18}\right\}$       B)  $\left\{-1\frac{11}{18}\right\}$   
C)  $\left\{-\frac{13}{18}\right\}$       D)  $\left\{\frac{8}{21}\right\}$

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**Solve each equation.**

1)  $12\frac{37}{63} = a + 7\frac{9}{14}$

- A)  $\left\{-\frac{2}{15}\right\}$       \*B)  $\left\{4\frac{17}{18}\right\}$   
C)  $\left\{-\frac{1}{2}\right\}$       D)  $\left\{5\frac{3}{7}\right\}$

2)  $\frac{411}{76} = n - \frac{3}{4}$

- A)  $\left\{2\frac{17}{20}\right\}$       \*B)  $\left\{6\frac{3}{19}\right\}$   
C)  $\left\{\frac{1}{7}\right\}$       D)  $\left\{-1\frac{3}{14}\right\}$

3)  $-\frac{29}{8} = x - \left(-\frac{1}{4}\right)$

- A)  $\left\{-3\frac{3}{8}\right\}$       B)  $\left\{14\frac{1}{2}\right\}$   
\*C)  $\left\{-3\frac{7}{8}\right\}$       D)  $\left\{\frac{29}{32}\right\}$

4)  $\frac{167}{18} = 10\frac{7}{9} + n$

- A)  $\left\{1\frac{13}{14}\right\}$       B)  $\left\{-2\frac{2}{9}\right\}$   
\*C)  $\left\{-1\frac{1}{2}\right\}$       D)  $\left\{\frac{2}{3}\right\}$

5)  $2\frac{5}{6} = m + \left(-\frac{3}{2}\right)$

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

6)  $-\frac{22}{3} = \frac{1}{2} - x$

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

7)  $\frac{955}{104} = -1\frac{1}{8} + p$

- \*A)  $\left\{10\frac{4}{13}\right\}$       B)  $\left\{-1\frac{16}{19}\right\}$   
C)  $\left\{7\frac{1}{2}\right\}$       D)  $\left\{1\frac{2}{7}\right\}$

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

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

9)  $-\frac{11}{10} = p - \left(-\frac{9}{10}\right)$

- A)  $\left\{1\frac{2}{9}\right\}$       \*B)  $\{-2\}$   
C)  $\left\{-\frac{1}{5}\right\}$       D)  $\left\{2\frac{11}{14}\right\}$

10)  $-\frac{4}{9} = -1\frac{1}{6} - k$

- A)  $\left\{\frac{13}{18}\right\}$       B)  $\left\{-1\frac{11}{18}\right\}$   
\*C)  $\left\{-\frac{13}{18}\right\}$       D)  $\left\{\frac{8}{21}\right\}$



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**Solve each equation.**

1)  $\frac{151}{104} = -\frac{25}{13} + m$

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

2)  $-\frac{21}{55} = b + \left(-\frac{2}{11}\right)$

- A)  $\left\{-\frac{31}{55}\right\}$       B)  $\left\{2\frac{1}{10}\right\}$   
C)  $\left\{-\frac{11}{17}\right\}$       D)  $\left\{-\frac{1}{5}\right\}$

3)  $-6\frac{1}{2} = m + (-10)$

- A)  $\left\{3\frac{1}{2}\right\}$       B)  $\{65\}$   
C)  $\left\{\frac{13}{20}\right\}$       D)  $\left\{-16\frac{1}{2}\right\}$

4)  $\frac{49}{6} = 8\frac{5}{12} - b$

- A)  $\left\{\frac{7}{8}\right\}$       B)  $\left\{\frac{1}{4}\right\}$   
C)  $\left\{5\frac{12}{13}\right\}$       D)  $\left\{-\frac{1}{4}\right\}$

5)  $\frac{173}{20} = 5\frac{9}{10} - k$

- A)  $\left\{10\frac{14}{15}\right\}$       B)  $\left\{2\frac{3}{4}\right\}$   
C)  $\left\{-3\frac{1}{18}\right\}$       D)  $\left\{-2\frac{3}{4}\right\}$

6)  $5\frac{1}{2} = b + \frac{2}{5}$

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

7)  $-\frac{7}{2} = m + \left(-\frac{7}{4}\right)$

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

8)  $-\frac{7}{45} = x - 4\frac{5}{9}$

- A)  $\left\{4\frac{2}{5}\right\}$       B)  $\left\{\frac{11}{12}\right\}$   
C)  $\left\{\frac{1}{8}\right\}$       D)  $\left\{-1\frac{3}{19}\right\}$

9)  $\frac{3447}{238} = 2\frac{7}{17} - p$

- A)  $\left\{10\frac{6}{7}\right\}$       B)  $\left\{-12\frac{1}{14}\right\}$   
C)  $\left\{-\frac{1}{4}\right\}$       D)  $\left\{10\frac{1}{2}\right\}$

10)  $-\frac{347}{143} = \frac{8}{11} + b$

- A)  $\left\{-3\frac{2}{13}\right\}$       B)  $\left\{9\frac{4}{5}\right\}$   
C)  $\left\{3\frac{1}{8}\right\}$       D)  $\left\{-2\frac{7}{12}\right\}$

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Solve each equation.

1)  $\frac{151}{104} = -\frac{25}{13} + m$

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

2)  $-\frac{21}{55} = b + \left(-\frac{2}{11}\right)$

- A)  $\left\{-\frac{31}{55}\right\}$       B)  $\left\{2\frac{1}{10}\right\}$   
C)  $\left\{-\frac{11}{17}\right\}$       \*D)  $\left\{-\frac{1}{5}\right\}$

3)  $-6\frac{1}{2} = m + (-10)$

- \*A)  $\left\{3\frac{1}{2}\right\}$       B)  $\{65\}$   
C)  $\left\{\frac{13}{20}\right\}$       D)  $\left\{-16\frac{1}{2}\right\}$

4)  $\frac{49}{6} = 8\frac{5}{12} - b$

- A)  $\left\{\frac{7}{8}\right\}$       \*B)  $\left\{\frac{1}{4}\right\}$   
C)  $\left\{5\frac{12}{13}\right\}$       D)  $\left\{-\frac{1}{4}\right\}$

5)  $\frac{173}{20} = 5\frac{9}{10} - k$

- A)  $\left\{10\frac{14}{15}\right\}$       B)  $\left\{2\frac{3}{4}\right\}$   
C)  $\left\{-3\frac{1}{18}\right\}$       \*D)  $\left\{-2\frac{3}{4}\right\}$

6)  $5\frac{1}{2} = b + \frac{2}{5}$

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

7)  $-\frac{7}{2} = m + \left(-\frac{7}{4}\right)$

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

8)  $-\frac{7}{45} = x - 4\frac{5}{9}$

- \*A)  $\left\{4\frac{2}{5}\right\}$       B)  $\left\{\frac{11}{12}\right\}$   
C)  $\left\{\frac{1}{8}\right\}$       D)  $\left\{-1\frac{3}{19}\right\}$

9)  $\frac{3447}{238} = 2\frac{7}{17} - p$

- A)  $\left\{10\frac{6}{7}\right\}$       \*B)  $\left\{-12\frac{1}{14}\right\}$   
C)  $\left\{-\frac{1}{4}\right\}$       D)  $\left\{10\frac{1}{2}\right\}$

10)  $-\frac{347}{143} = \frac{8}{11} + b$

- \*A)  $\left\{-3\frac{2}{13}\right\}$       B)  $\left\{9\frac{4}{5}\right\}$   
C)  $\left\{3\frac{1}{8}\right\}$       D)  $\left\{-2\frac{7}{12}\right\}$

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**Solve each equation.**

1)  $-\frac{94}{51} = p + \left(-\frac{5}{3}\right)$

A)  $\left\{-\frac{3}{17}\right\}$       B)  $\left\{1\frac{9}{85}\right\}$

C)  $\left\{1\frac{3}{8}\right\}$       D)  $\left\{\frac{5}{7}\right\}$

2)  $16\frac{47}{60} = 9\frac{5}{6} + x$

A)  $\{1\}$       B)  $\left\{1\frac{4}{5}\right\}$

C)  $\{2\}$       D)  $\left\{6\frac{19}{20}\right\}$

3)  $24\frac{5}{9} = 5\frac{5}{9} + x$

A)  $\{19\}$       B)  $\left\{5\frac{1}{2}\right\}$

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

4)  $-\frac{20}{3} = x - 11$

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

C)  $\left\{-\frac{20}{33}\right\}$       D)  $\left\{4\frac{1}{3}\right\}$

5)  $-\frac{89}{15} = p - 3\frac{2}{3}$

A)  $\left\{-1\frac{34}{55}\right\}$       B)  $\left\{-9\frac{3}{5}\right\}$

C)  $\left\{-1\frac{13}{16}\right\}$       D)  $\left\{-2\frac{4}{15}\right\}$

6)  $11\frac{23}{30} = \frac{29}{15} + n$

A)  $\left\{9\frac{5}{6}\right\}$       B)  $\left\{7\frac{4}{15}\right\}$

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

7)  $3\frac{63}{95} = 5\frac{5}{19} - n$

A)  $\left\{1\frac{3}{4}\right\}$       B)  $\left\{1\frac{3}{5}\right\}$

C)  $\left\{-1\frac{9}{14}\right\}$       D)  $\left\{-1\frac{3}{5}\right\}$

8)  $-\frac{61}{30} = b + \left(-\frac{8}{15}\right)$

A)  $\left\{-1\frac{1}{2}\right\}$       B)  $\left\{-1\frac{13}{20}\right\}$

C)  $\left\{3\frac{13}{16}\right\}$       D)  $\left\{-2\frac{17}{30}\right\}$

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

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

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

10)  $-2\frac{17}{20} = x - \frac{8}{5}$

A)  $\left\{-1\frac{1}{4}\right\}$       B)  $\left\{-1\frac{25}{32}\right\}$

C)  $\left\{-4\frac{9}{20}\right\}$       D)  $\left\{18\frac{3}{11}\right\}$

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Solve each equation.

1)  $-\frac{94}{51} = p + \left(-\frac{5}{3}\right)$

- \*A)  $\left\{-\frac{3}{17}\right\}$       B)  $\left\{1\frac{9}{85}\right\}$   
C)  $\left\{1\frac{3}{8}\right\}$       D)  $\left\{\frac{5}{7}\right\}$

2)  $16\frac{47}{60} = 9\frac{5}{6} + x$

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

3)  $24\frac{5}{9} = 5\frac{5}{9} + x$

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

4)  $-\frac{20}{3} = x - 11$

- A)  $\left\{-17\frac{2}{3}\right\}$       B)  $\left\{-\frac{1}{14}\right\}$   
C)  $\left\{-\frac{20}{33}\right\}$       \*D)  $\left\{4\frac{1}{3}\right\}$

5)  $-\frac{89}{15} = p - 3\frac{2}{3}$

- A)  $\left\{-1\frac{34}{55}\right\}$       B)  $\left\{-9\frac{3}{5}\right\}$   
C)  $\left\{-1\frac{13}{16}\right\}$       \*D)  $\left\{-2\frac{4}{15}\right\}$

6)  $11\frac{23}{30} = \frac{29}{15} + n$

- \*A)  $\left\{9\frac{5}{6}\right\}$       B)  $\left\{7\frac{4}{15}\right\}$   
C)  $\left\{1\frac{1}{5}\right\}$       D)  $\{-11\}$

7)  $3\frac{63}{95} = 5\frac{5}{19} - n$

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

8)  $-\frac{61}{30} = b + \left(-\frac{8}{15}\right)$

- \*A)  $\left\{-1\frac{1}{2}\right\}$       B)  $\left\{-1\frac{13}{20}\right\}$   
C)  $\left\{3\frac{13}{16}\right\}$       D)  $\left\{-2\frac{17}{30}\right\}$

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

- A)  $\left\{1\frac{1}{2}\right\}$       B)  $\left\{\frac{1}{4}\right\}$   
\*C)  $\left\{-\frac{1}{2}\right\}$       D)  $\left\{6\frac{9}{11}\right\}$

10)  $-2\frac{17}{20} = x - \frac{8}{5}$

- \*A)  $\left\{-1\frac{1}{4}\right\}$       B)  $\left\{-1\frac{25}{32}\right\}$   
C)  $\left\{-4\frac{9}{20}\right\}$       D)  $\left\{18\frac{3}{11}\right\}$

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**Solve each equation.**

1)  $10\frac{4}{15} + x = \frac{2723}{255}$

- A)  $\left\{-1\frac{5}{8}\right\}$       B)  $\left\{\frac{6}{7}\right\}$   
C)  $\left\{\frac{7}{17}\right\}$       D)  $\left\{-2\frac{3}{4}\right\}$

2)  $1\frac{49}{144} = x - \frac{7}{16}$

- A)  $\left\{3\frac{13}{18}\right\}$       B)  $\left\{1\frac{7}{9}\right\}$   
C)  $\left\{\frac{65}{72}\right\}$       D)  $\{9\}$

3)  $\frac{58}{5} = x - \left(-2\frac{1}{2}\right)$

- A)  $\left\{8\frac{17}{19}\right\}$       B)  $\left\{\frac{1}{2}\right\}$   
C)  $\{-29\}$       D)  $\left\{9\frac{1}{10}\right\}$

4)  $4\frac{1}{48} = 2\frac{1}{3} + x$

- A)  $\left\{9\frac{2}{5}\right\}$       B)  $\left\{-1\frac{1}{8}\right\}$   
C)  $\left\{1\frac{11}{16}\right\}$       D)  $\left\{1\frac{5}{13}\right\}$

5)  $-5\frac{166}{195} = n - 7\frac{5}{13}$

- A)  $\left\{\frac{18}{19}\right\}$       B)  $\left\{-\frac{5}{11}\right\}$   
C)  $\left\{1\frac{8}{15}\right\}$       D)  $\left\{1\frac{1}{13}\right\}$

6)  $\frac{5}{14} + a = 2\frac{1}{42}$

- A)  $\left\{2\frac{8}{21}\right\}$       B)  $\left\{1\frac{2}{3}\right\}$   
C)  $\left\{1\frac{2}{5}\right\}$       D)  $\left\{5\frac{2}{3}\right\}$

7)  $n - \frac{5}{4} = -\frac{65}{68}$

- A)  $\left\{\frac{5}{17}\right\}$       B)  $\left\{-\frac{13}{17}\right\}$   
C)  $\left\{-2\frac{7}{34}\right\}$       D)  $\left\{3\frac{3}{17}\right\}$

8)  $-\frac{43}{12} = a - 8\frac{7}{12}$

- A)  $\left\{-12\frac{1}{6}\right\}$       B)  $\left\{-1\frac{3}{4}\right\}$   
C)  $\{5\}$       D)  $\left\{8\frac{9}{19}\right\}$

9)  $-2 + m = -3\frac{3}{14}$

- A)  $\left\{1\frac{17}{28}\right\}$       B)  $\left\{6\frac{3}{7}\right\}$   
C)  $\left\{-1\frac{3}{14}\right\}$       D)  $\left\{-5\frac{3}{14}\right\}$

10)  $-\frac{19}{9} = -\frac{1}{3} - v$

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

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**Solve each equation.**

1)  $10\frac{4}{15} + x = \frac{2723}{255}$

- A)  $\left\{-1\frac{5}{8}\right\}$       B)  $\left\{\frac{6}{7}\right\}$   
\*C)  $\left\{\frac{7}{17}\right\}$       D)  $\left\{-2\frac{3}{4}\right\}$

2)  $1\frac{49}{144} = x - \frac{7}{16}$

- A)  $\left\{3\frac{13}{18}\right\}$       \*B)  $\left\{1\frac{7}{9}\right\}$   
C)  $\left\{\frac{65}{72}\right\}$       D)  $\{9\}$

3)  $\frac{58}{5} = x - \left(-2\frac{1}{2}\right)$

- A)  $\left\{8\frac{17}{19}\right\}$       B)  $\left\{\frac{1}{2}\right\}$   
C)  $\{-29\}$       \*D)  $\left\{9\frac{1}{10}\right\}$

4)  $4\frac{1}{48} = 2\frac{1}{3} + x$

- A)  $\left\{9\frac{2}{5}\right\}$       B)  $\left\{-1\frac{1}{8}\right\}$   
\*C)  $\left\{1\frac{11}{16}\right\}$       D)  $\left\{1\frac{5}{13}\right\}$

5)  $-5\frac{166}{195} = n - 7\frac{5}{13}$

- A)  $\left\{\frac{18}{19}\right\}$       B)  $\left\{-\frac{5}{11}\right\}$   
\*C)  $\left\{1\frac{8}{15}\right\}$       D)  $\left\{1\frac{1}{13}\right\}$

6)  $\frac{5}{14} + a = 2\frac{1}{42}$

- A)  $\left\{2\frac{8}{21}\right\}$       \*B)  $\left\{1\frac{2}{3}\right\}$   
C)  $\left\{1\frac{2}{5}\right\}$       D)  $\left\{5\frac{2}{3}\right\}$

7)  $n - \frac{5}{4} = -\frac{65}{68}$

- \*A)  $\left\{\frac{5}{17}\right\}$       B)  $\left\{-\frac{13}{17}\right\}$   
C)  $\left\{-2\frac{7}{34}\right\}$       D)  $\left\{3\frac{3}{17}\right\}$

8)  $-\frac{43}{12} = a - 8\frac{7}{12}$

- A)  $\left\{-12\frac{1}{6}\right\}$       B)  $\left\{-1\frac{3}{4}\right\}$   
\*C)  $\{5\}$       D)  $\left\{8\frac{9}{19}\right\}$

9)  $-2 + m = -3\frac{3}{14}$

- A)  $\left\{1\frac{17}{28}\right\}$       B)  $\left\{6\frac{3}{7}\right\}$   
\*C)  $\left\{-1\frac{3}{14}\right\}$       D)  $\left\{-5\frac{3}{14}\right\}$

10)  $-\frac{19}{9} = -\frac{1}{3} - v$

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

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**Solve each equation.**

1)  $3\frac{31}{48} = x - \left(-\frac{5}{6}\right)$

- A)  $\left\{-1\frac{2}{9}\right\}$       B)  $\left\{\frac{1}{3}\right\}$   
C)  $\left\{-4\frac{3}{8}\right\}$       D)  $\left\{2\frac{13}{16}\right\}$

2)  $-1\frac{1}{12} - x = 2\frac{107}{156}$

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

3)  $4\frac{11}{12} - x = 5\frac{65}{84}$

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

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

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

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

- A)  $\left\{4\frac{5}{6}\right\}$       B)  $\left\{-1\frac{16}{21}\right\}$   
C)  $\left\{1\frac{1}{3}\right\}$       D)  $\left\{4\frac{1}{2}\right\}$

6)  $-\frac{29}{6} = \frac{7}{6} + v$

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

7)  $3\frac{7}{8} = \frac{1}{8} - x$

- A)  $\{4\}$       B)  $\left\{3\frac{3}{4}\right\}$   
C)  $\{31\}$       D)  $\left\{-3\frac{3}{4}\right\}$

8)  $\frac{5}{13} = n - 1$

- A)  $\left\{-\frac{8}{13}\right\}$       B)  $\left\{\frac{5}{13}\right\}$   
C)  $\left\{1\frac{5}{13}\right\}$       D)  $\left\{-3\frac{10}{19}\right\}$

9)  $p - \frac{3}{4} = -2\frac{1}{8}$

- A)  $\left\{-1\frac{3}{8}\right\}$       B)  $\left\{-2\frac{7}{8}\right\}$   
C)  $\left\{-1\frac{19}{32}\right\}$       D)  $\left\{-2\frac{5}{6}\right\}$

10)  $2\frac{215}{234} = 7\frac{4}{13} - n$

- A)  $\left\{6\frac{5}{7}\right\}$       B)  $\left\{4\frac{7}{18}\right\}$   
C)  $\left\{-4\frac{7}{18}\right\}$       D)  $\left\{\frac{1}{3}\right\}$

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**Solve each equation.**

1)  $3\frac{31}{48} = x - \left(-\frac{5}{6}\right)$

- A)  $\left\{-1\frac{2}{9}\right\}$       B)  $\left\{\frac{1}{3}\right\}$   
C)  $\left\{-4\frac{3}{8}\right\}$       \*D)  $\left\{2\frac{13}{16}\right\}$

2)  $-1\frac{1}{12} - x = 2\frac{107}{156}$

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

3)  $4\frac{11}{12} - x = 5\frac{65}{84}$

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

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

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

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

- A)  $\left\{4\frac{5}{6}\right\}$       B)  $\left\{-1\frac{16}{21}\right\}$   
\*C)  $\left\{1\frac{1}{3}\right\}$       D)  $\left\{4\frac{1}{2}\right\}$

6)  $-\frac{29}{6} = \frac{7}{6} + v$

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

7)  $3\frac{7}{8} = \frac{1}{8} - x$

- A)  $\{4\}$       B)  $\left\{3\frac{3}{4}\right\}$   
C)  $\{31\}$       \*D)  $\left\{-3\frac{3}{4}\right\}$

8)  $\frac{5}{13} = n - 1$

- A)  $\left\{-\frac{8}{13}\right\}$       B)  $\left\{\frac{5}{13}\right\}$   
\*C)  $\left\{1\frac{5}{13}\right\}$       D)  $\left\{-3\frac{10}{19}\right\}$

9)  $p - \frac{3}{4} = -2\frac{1}{8}$

- \*A)  $\left\{-1\frac{3}{8}\right\}$       B)  $\left\{-2\frac{7}{8}\right\}$   
C)  $\left\{-1\frac{19}{32}\right\}$       D)  $\left\{-2\frac{5}{6}\right\}$

10)  $2\frac{215}{234} = 7\frac{4}{13} - n$

- A)  $\left\{6\frac{5}{7}\right\}$       \*B)  $\left\{4\frac{7}{18}\right\}$   
C)  $\left\{-4\frac{7}{18}\right\}$       D)  $\left\{\frac{1}{3}\right\}$



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Solve each equation.

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

- A)  $\left\{1\frac{4}{5}\right\}$       B)  $\{0\}$   
C)  $\{-1\}$       D)  $\left\{-20\frac{2}{3}\right\}$

2)  $19 + n = 17\frac{1}{2}$

- A)  $\left\{1\frac{1}{6}\right\}$       B)  $\left\{-1\frac{1}{2}\right\}$   
C)  $\left\{36\frac{1}{2}\right\}$       D)  $\left\{\frac{35}{38}\right\}$

3)  $-\frac{20}{17} + b = \frac{846}{119}$

- A)  $\left\{\frac{7}{19}\right\}$       B)  $\left\{8\frac{2}{7}\right\}$   
C)  $\left\{-1\frac{6}{11}\right\}$       D)  $\left\{1\frac{1}{3}\right\}$

4)  $\frac{23}{4} = x + 2\frac{3}{4}$

- A)  $\left\{2\frac{1}{11}\right\}$       B)  $\left\{8\frac{1}{2}\right\}$   
C)  $\{3\}$       D)  $\left\{\frac{16}{19}\right\}$

5)  $-1\frac{17}{22} = -2\frac{3}{11} - p$

- A)  $\left\{-\frac{1}{2}\right\}$       B)  $\left\{-4\frac{1}{22}\right\}$   
C)  $\left\{\frac{1}{2}\right\}$       D)  $\left\{\frac{39}{50}\right\}$

6)  $-3\frac{11}{16} + m = -\frac{643}{144}$

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

7)  $-1\frac{2}{7} = -\frac{2}{7} - x$

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

8)  $n - \left(-\frac{5}{3}\right) = 7\frac{2}{21}$

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

9)  $r + \left(-\frac{12}{7}\right) = -\frac{136}{63}$

- A)  $\left\{-\frac{4}{9}\right\}$       B)  $\left\{-\frac{1}{5}\right\}$   
C)  $\left\{8\frac{5}{6}\right\}$       D)  $\left\{1\frac{7}{27}\right\}$

10)  $-\frac{4}{5} - p = -\frac{277}{90}$

- A)  $\left\{4\frac{5}{6}\right\}$       B)  $\left\{-2\frac{5}{18}\right\}$   
C)  $\left\{1\frac{5}{8}\right\}$       D)  $\left\{2\frac{5}{18}\right\}$

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**Solve each equation.**

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

A)  $\left\{1\frac{4}{5}\right\}$       \*B)  $\{0\}$

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

2)  $19 + n = 17\frac{1}{2}$

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

C)  $\left\{36\frac{1}{2}\right\}$       D)  $\left\{\frac{35}{38}\right\}$

3)  $-\frac{20}{17} + b = \frac{846}{119}$

A)  $\left\{\frac{7}{19}\right\}$       \*B)  $\left\{8\frac{2}{7}\right\}$

C)  $\left\{-1\frac{6}{11}\right\}$       D)  $\left\{1\frac{1}{3}\right\}$

4)  $\frac{23}{4} = x + 2\frac{3}{4}$

A)  $\left\{2\frac{1}{11}\right\}$       B)  $\left\{8\frac{1}{2}\right\}$

\*C)  $\{3\}$       D)  $\left\{\frac{16}{19}\right\}$

5)  $-1\frac{17}{22} = -2\frac{3}{11} - p$

\*A)  $\left\{-\frac{1}{2}\right\}$       B)  $\left\{-4\frac{1}{22}\right\}$

C)  $\left\{\frac{1}{2}\right\}$       D)  $\left\{\frac{39}{50}\right\}$

6)  $-3\frac{11}{16} + m = -\frac{643}{144}$

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

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

7)  $-1\frac{2}{7} = -\frac{2}{7} - x$

\*A)  $\{1\}$       B)  $\{-1\}$

C)  $\left\{4\frac{1}{2}\right\}$       D)  $\left\{-1\frac{4}{7}\right\}$

8)  $n - \left(-\frac{5}{3}\right) = 7\frac{2}{21}$

A)  $\{-1\}$       \*B)  $\left\{5\frac{3}{7}\right\}$

C)  $\{-11\}$       D)  $\left\{1\frac{4}{7}\right\}$

9)  $r + \left(-\frac{12}{7}\right) = -\frac{136}{63}$

\*A)  $\left\{-\frac{4}{9}\right\}$       B)  $\left\{-\frac{1}{5}\right\}$

C)  $\left\{8\frac{5}{6}\right\}$       D)  $\left\{1\frac{7}{27}\right\}$

10)  $-\frac{4}{5} - p = -\frac{277}{90}$

A)  $\left\{4\frac{5}{6}\right\}$       B)  $\left\{-2\frac{5}{18}\right\}$

C)  $\left\{1\frac{5}{8}\right\}$       \*D)  $\left\{2\frac{5}{18}\right\}$

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**Solve each equation.**

1)  $p - \left(-\frac{4}{9}\right) = 15\frac{4}{9}$

A)  $\left\{6\frac{9}{20}\right\}$       B)  $\{15\}$

C)  $\left\{9\frac{2}{15}\right\}$       D)  $\left\{10\frac{1}{15}\right\}$

2)  $a + \frac{14}{11} = \frac{135}{11}$

A)  $\left\{4\frac{1}{4}\right\}$       B)  $\left\{\frac{3}{5}\right\}$

C)  $\left\{1\frac{3}{14}\right\}$       D)  $\{11\}$

3)  $10\frac{6}{13} + k = 20\frac{99}{130}$

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

C)  $\left\{-1\frac{7}{16}\right\}$       D)  $\left\{-1\frac{15}{16}\right\}$

4)  $p + 8\frac{3}{7} = 17\frac{65}{119}$

A)  $\left\{9\frac{2}{17}\right\}$       B)  $\left\{-1\frac{9}{19}\right\}$

C)  $\left\{1\frac{4}{7}\right\}$       D)  $\left\{1\frac{8}{9}\right\}$

5)  $\frac{5}{3} + v = -5\frac{1}{3}$

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

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

6)  $\frac{143}{8} = n + \left(-2\frac{1}{8}\right)$

A)  $\{20\}$       B)  $\left\{15\frac{3}{4}\right\}$

C)  $\{-13\}$       D)  $\left\{\frac{5}{9}\right\}$

7)  $4\frac{7}{9} - k = 16\frac{7}{9}$

A)  $\{12\}$       B)  $\left\{-\frac{1}{17}\right\}$

C)  $\left\{8\frac{6}{7}\right\}$       D)  $\{-12\}$

8)  $6\frac{1}{2} + x = \frac{189}{26}$

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

C)  $\left\{\frac{10}{13}\right\}$       D)  $\left\{4\frac{7}{9}\right\}$

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

A)  $\{2\}$       B)  $\{-2\}$

C)  $\left\{1\frac{5}{7}\right\}$       D)  $\{-13\}$

10)  $a - 2 = \frac{109}{14}$

A)  $\left\{\frac{1}{2}\right\}$       B)  $\left\{10\frac{13}{14}\right\}$

C)  $\left\{5\frac{11}{14}\right\}$       D)  $\left\{9\frac{11}{14}\right\}$

Name:

Grade:

Date:

**Solve each equation.**

1)  $p - \left(-\frac{4}{9}\right) = 15\frac{4}{9}$

A)  $\left\{6\frac{9}{20}\right\}$       \*B)  $\{15\}$

C)  $\left\{9\frac{2}{15}\right\}$       D)  $\left\{10\frac{1}{15}\right\}$

2)  $a + \frac{14}{11} = \frac{135}{11}$

A)  $\left\{4\frac{1}{4}\right\}$       B)  $\left\{\frac{3}{5}\right\}$

C)  $\left\{1\frac{3}{14}\right\}$       \*D)  $\{11\}$

3)  $10\frac{6}{13} + k = 20\frac{99}{130}$

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

C)  $\left\{-1\frac{7}{16}\right\}$       D)  $\left\{-1\frac{15}{16}\right\}$

4)  $p + 8\frac{3}{7} = 17\frac{65}{119}$

\*A)  $\left\{9\frac{2}{17}\right\}$       B)  $\left\{-1\frac{9}{19}\right\}$

C)  $\left\{1\frac{4}{7}\right\}$       D)  $\left\{1\frac{8}{9}\right\}$

5)  $\frac{5}{3} + v = -5\frac{1}{3}$

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

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

6)  $\frac{143}{8} = n + \left(-2\frac{1}{8}\right)$

\*A)  $\{20\}$       B)  $\left\{15\frac{3}{4}\right\}$

C)  $\{-13\}$       D)  $\left\{\frac{5}{9}\right\}$

7)  $4\frac{7}{9} - k = 16\frac{7}{9}$

A)  $\{12\}$       B)  $\left\{-\frac{1}{17}\right\}$

C)  $\left\{8\frac{6}{7}\right\}$       \*D)  $\{-12\}$

8)  $6\frac{1}{2} + x = \frac{189}{26}$

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

\*C)  $\left\{\frac{10}{13}\right\}$       D)  $\left\{4\frac{7}{9}\right\}$

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

A)  $\{2\}$       \*B)  $\{-2\}$

C)  $\left\{1\frac{5}{7}\right\}$       D)  $\{-13\}$

10)  $a - 2 = \frac{109}{14}$

A)  $\left\{\frac{1}{2}\right\}$       B)  $\left\{10\frac{13}{14}\right\}$

C)  $\left\{5\frac{11}{14}\right\}$       \*D)  $\left\{9\frac{11}{14}\right\}$

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**Solve each equation.**

1)  $\frac{581}{60} = \frac{17}{20} + r$

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

C)  $\left\{8\frac{5}{6}\right\}$       D)  $\left\{1\frac{1}{6}\right\}$

2)  $p - \left(-\frac{4}{15}\right) = \frac{1489}{240}$

A)  $\left\{\frac{1}{6}\right\}$       B)  $\left\{10\frac{5}{14}\right\}$

C)  $\left\{1\frac{15}{17}\right\}$       D)  $\left\{5\frac{15}{16}\right\}$

3)  $k + \frac{9}{5} = 5\frac{11}{20}$

A)  $\{2\}$       B)  $\left\{5\frac{3}{4}\right\}$

C)  $\left\{3\frac{1}{12}\right\}$       D)  $\left\{3\frac{3}{4}\right\}$

4)  $3\frac{1}{15} = \frac{5}{3} - p$

A)  $\left\{1\frac{21}{25}\right\}$       B)  $\left\{1\frac{2}{5}\right\}$

C)  $\left\{-1\frac{2}{5}\right\}$       D)  $\left\{4\frac{11}{15}\right\}$

5)  $\frac{61}{20} = p + \frac{4}{5}$

A)  $\left\{2\frac{1}{4}\right\}$       B)  $\left\{3\frac{13}{16}\right\}$

C)  $\left\{2\frac{11}{25}\right\}$       D)  $\left\{3\frac{17}{20}\right\}$

6)  $k + \left(-\frac{6}{5}\right) = -\frac{13}{15}$

A)  $\left\{\frac{1}{3}\right\}$       B)  $\left\{1\frac{1}{25}\right\}$

C)  $\left\{-2\frac{1}{15}\right\}$       D)  $\left\{\frac{13}{18}\right\}$

7)  $\frac{3173}{210} = n + 7\frac{7}{15}$

A)  $\left\{7\frac{9}{14}\right\}$       B)  $\left\{1\frac{1}{5}\right\}$

C)  $\left\{-2\frac{4}{5}\right\}$       D)  $\{-1\}$

8)  $\frac{89}{247} = \frac{4}{13} + r$

A)  $\left\{\frac{1}{19}\right\}$       B)  $\left\{1\frac{13}{76}\right\}$

C)  $\left\{1\frac{6}{13}\right\}$       D)  $\left\{1\frac{1}{4}\right\}$

9)  $4\frac{1}{12} - a = -11\frac{11}{12}$

A)  $\{-16\}$       B)  $\{16\}$

C)  $\left\{-\frac{2}{7}\right\}$       D)  $\left\{-7\frac{5}{6}\right\}$

10)  $\frac{253}{36} = a + 2\frac{11}{18}$

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

C)  $\left\{4\frac{5}{12}\right\}$       D)  $\left\{-20\frac{1}{6}\right\}$

Name:

Grade:

Date:

Solve each equation.

1)  $\frac{581}{60} = \frac{17}{20} + r$

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

\*C)  $\left\{8\frac{5}{6}\right\}$       D)  $\left\{1\frac{1}{6}\right\}$

2)  $p - \left(-\frac{4}{15}\right) = \frac{1489}{240}$

A)  $\left\{\frac{1}{6}\right\}$       B)  $\left\{10\frac{5}{14}\right\}$

C)  $\left\{1\frac{15}{17}\right\}$       \*D)  $\left\{5\frac{15}{16}\right\}$

3)  $k + \frac{9}{5} = 5\frac{11}{20}$

A)  $\{2\}$       B)  $\left\{5\frac{3}{4}\right\}$

C)  $\left\{3\frac{1}{12}\right\}$       \*D)  $\left\{3\frac{3}{4}\right\}$

4)  $3\frac{1}{15} = \frac{5}{3} - p$

A)  $\left\{1\frac{21}{25}\right\}$       B)  $\left\{1\frac{2}{5}\right\}$

\*C)  $\left\{-1\frac{2}{5}\right\}$       D)  $\left\{4\frac{11}{15}\right\}$

5)  $\frac{61}{20} = p + \frac{4}{5}$

\*A)  $\left\{2\frac{1}{4}\right\}$       B)  $\left\{3\frac{13}{16}\right\}$

C)  $\left\{2\frac{11}{25}\right\}$       D)  $\left\{3\frac{17}{20}\right\}$

6)  $k + \left(-\frac{6}{5}\right) = -\frac{13}{15}$

\*A)  $\left\{\frac{1}{3}\right\}$       B)  $\left\{1\frac{1}{25}\right\}$

C)  $\left\{-2\frac{1}{15}\right\}$       D)  $\left\{\frac{13}{18}\right\}$

7)  $\frac{3173}{210} = n + 7\frac{7}{15}$

\*A)  $\left\{7\frac{9}{14}\right\}$       B)  $\left\{1\frac{1}{5}\right\}$

C)  $\left\{-2\frac{4}{5}\right\}$       D)  $\{-1\}$

8)  $\frac{89}{247} = \frac{4}{13} + r$

\*A)  $\left\{\frac{1}{19}\right\}$       B)  $\left\{1\frac{13}{76}\right\}$

C)  $\left\{1\frac{6}{13}\right\}$       D)  $\left\{1\frac{1}{4}\right\}$

9)  $4\frac{1}{12} - a = -11\frac{11}{12}$

A)  $\{-16\}$       \*B)  $\{16\}$

C)  $\left\{-\frac{2}{7}\right\}$       D)  $\left\{-7\frac{5}{6}\right\}$

10)  $\frac{253}{36} = a + 2\frac{11}{18}$

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

\*C)  $\left\{4\frac{5}{12}\right\}$       D)  $\left\{-20\frac{1}{6}\right\}$