

Lesson 5-3 Fractions with Unlike Denominators Classwork

Directions: Estimate each sum/difference first. Then, show your work to solve each problem. Check if your answer is reasonable. If it is, place a :) next to your answer. If it is not, review your work.

$$\begin{array}{r} 6\frac{1}{3} \\ + 7\frac{2}{9} \\ \hline \end{array}$$

$$\begin{array}{r} (2) \quad 3\frac{7}{10} \\ + 5\frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} (3) \quad 1\frac{5}{6} \\ + 2\frac{1}{8} \\ \hline \end{array}$$

$$\begin{array}{r} (4) \quad 4\frac{1}{4} \\ + 3\frac{7}{10} \\ \hline \end{array}$$

$$\begin{array}{r} (5) \quad 7\frac{11}{30} \\ - 1\frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} (6) \quad 4\frac{2}{3} \\ - 1\frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} (7) \quad 5\frac{1}{6} \\ - 3\frac{1}{10} \\ \hline \end{array}$$

$$\begin{array}{r} (8) \quad 7\frac{3}{4} \\ - 5\frac{1}{14} \\ \hline \end{array}$$

An expression is shown.

$$\frac{5}{6} + \frac{3}{12}$$

Which expressions have like denominators that could be used as a next step to add the two fractions?

Select the **two** correct answers.

A. $\frac{5}{6} + \frac{1}{4}$

B. $\frac{5}{6} + \frac{3}{6}$

C. $\frac{10}{12} + \frac{3}{12}$

D. $\frac{5}{12} + \frac{6}{12}$

E. $\frac{5}{12} + \frac{6}{24}$

F. $\frac{20}{24} + \frac{6}{24}$

Isabel lives $\frac{3}{4}$ mile from school. Janet lives $\frac{2}{3}$ mile from school.

How much farther, in miles, does Isabel live from school than Janet

A. $\frac{1}{4}$

B. $\frac{1}{3}$

C. $\frac{1}{7}$

D. $\frac{1}{12}$