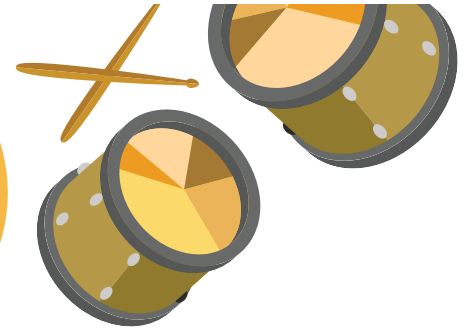# Skills Practice

SUBTRACTING MIXED FRACTIONS

ANSWERS

Practice your fraction arithmetic skills by subtracting the following mixed fractions. Hint: Be sure to show your work and simplify your answers.

2

$$4\frac{1}{5} - 1\frac{3}{4} = \quad 2\frac{9}{20}$$

Rewrite as improper fractions

$$4\frac{1}{5} \overset{+\,\to\,1\,\to\,21}{\underset{\times\,\to\,5}{}} - 1\frac{3}{4} \overset{+\,\to\,3\,\to\,7}{\underset{\times\,\to\,4}{}}$$

Find least common denominator

$$\frac{21}{5}\,{}^{\times 4}_{\times 4} - \frac{7}{4}\,{}^{\times 5}_{\times 5}$$

$$\frac{84}{20} - \frac{35}{20} = \frac{49}{20} = 2\frac{9}{20}$$

$$3\frac{2}{5} - 2\frac{1}{6} = \quad 1\frac{7}{30}$$

$$6\frac{3}{4} - 2\frac{4}{7} = \quad 4\frac{5}{28}$$

$$4\frac{1}{4} - 1\frac{1}{2} = \quad 2\frac{3}{4}$$

$$6\frac{2}{7} - 2\frac{3}{5} = \quad 3\frac{24}{35}$$

$$7\frac{2}{3} - 3\frac{6}{7} = \quad 3\frac{17}{21}$$

$$7\frac{2}{7} - 2\frac{5}{6} = \quad 4\frac{19}{42}$$