

Lesson 6 Subtraction

Rename the numbers so the fractions
have the same denominator.

Rename $3\frac{3}{12}$ so you can
subtract the fractions.

Rename $4\frac{5}{10}$ so you can
subtract the fractions.

$$\begin{array}{r} 3\frac{1}{4} \\ -1\frac{5}{6} \\ \hline \end{array} \quad \begin{array}{r} 3\frac{3}{12} \\ -1\frac{10}{12} \\ \hline \end{array} \quad \begin{array}{r} 2\frac{15}{12} \\ -1\frac{10}{12} \\ \hline 1\frac{5}{12} \end{array}$$

$$\begin{aligned} 3\frac{3}{12} &= 2 + 1\frac{3}{12} \\ &= 2 + \frac{15}{12} \\ &= 2\frac{15}{12} \end{aligned}$$

$$\begin{array}{r} 4\frac{1}{2} \\ -1\frac{3}{5} \\ \hline \end{array} \quad \begin{array}{r} 4\frac{5}{10} \\ -1\frac{6}{10} \\ \hline \end{array} \quad \begin{array}{r} 3\frac{15}{10} \\ -1\frac{6}{10} \\ \hline 2\frac{9}{10} \end{array}$$

$$\begin{aligned} 4\frac{5}{10} &= 3 + 1\frac{5}{10} \\ &= 3 + \frac{15}{10} \\ &= 3\frac{15}{10} \end{aligned}$$

Write each answer in simplest form.

a

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

b

$$\begin{array}{r} 5\frac{1}{4} \\ -4\frac{1}{3} \\ \hline \end{array}$$

c

$$\begin{array}{r} 7\frac{3}{4} \\ -3\frac{5}{6} \\ \hline \end{array}$$

d

$$\begin{array}{r} 6\frac{2}{5} \\ -4\frac{1}{2} \\ \hline \end{array}$$

$$2. \quad \begin{array}{r} 8\frac{3}{8} \\ -1\frac{7}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 5\frac{1}{4} \\ -4\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{7}{12} \\ -1\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 4\frac{1}{6} \\ -2\frac{3}{8} \\ \hline \end{array}$$

$$3. \quad \begin{array}{r} 9\frac{1}{2} \\ -5\frac{7}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 6\frac{1}{3} \\ -3\frac{5}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 11\frac{1}{6} \\ -4\frac{5}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{3}{10} \\ -2\frac{1}{2} \\ \hline \end{array}$$

$$4. \quad \begin{array}{r} 7\frac{3}{4} \\ -5\frac{4}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 12\frac{1}{4} \\ -6\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 15\frac{1}{2} \\ -8\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 10\frac{1}{6} \\ -3\frac{3}{4} \\ \hline \end{array}$$

Perfect score: 16 My score: _____

Long Division with Decimal Divisors #2

Name: _____

Date: _____

Color: _____

Set up the following problems to use long division. Find the quotient.

1) $\frac{44.44}{1.1}$

2) $\frac{1.6}{.025}$

3) $\frac{.22}{.05}$

4) $\frac{2.7}{.012}$

5) $\frac{50}{.06}$

6) $\frac{.58}{.008}$

7) $\frac{910.2}{.03}$

8) $\frac{4.65}{1.5}$