

Algebra I  
Percentages, Decimals, & Fractions

## 1.6 Adding &amp; Subtracting Fractions

Sponge Problems

- If 1 mile = 5,280 feet, how many feet are in 20 miles? (M8.B.1.1.2)  
A. 264 ft.                      B. 5,260 ft.                      C. 10,560 ft.                      D. 105,600 ft.
- It takes about 2 oz. of plastic to make a toy car. What is the greatest number of toy cars which can be made from 1 lb. 3 oz. of plastic?  
A. 9 toy cars                      B. 10 toy cars                      C. 12 toy cars                      D. 18 toy cars.

Review Problems

Find the GCF of the numbers listed below.

- 42, 24
- 18, 90
- 39, 65
- 30, 66

1.6 Problem Set

Add or subtract. Write all answers as proper fractions or mixed numbers.

- $\frac{1}{16} + \frac{3}{16}$
- $\frac{1}{5} + \frac{2}{5}$
- $\frac{7}{12} - \frac{5}{12}$
- $\frac{2}{3} - \frac{1}{3}$
- $\frac{5}{8} + \frac{3}{8}$
- $\frac{3}{4} + \frac{3}{4}$
- $\frac{7}{8} - \frac{3}{8}$
- $\frac{17}{20} + \frac{9}{20}$
- $\frac{7}{10} + \frac{1}{2}$
- $\frac{3}{10} + \frac{3}{5}$
- $\frac{1}{3} + \frac{1}{10}$
- $\frac{7}{12} - \frac{1}{16}$
- $\frac{2}{3} - \frac{1}{4}$
- $\frac{5}{6} + \frac{7}{8}$
- $\frac{3}{4} - \frac{5}{8}$
- $\frac{3}{4} - \frac{1}{5}$
- $\frac{5}{12} + \frac{2}{3}$
- $1 - \frac{1}{5}$
- $4 - \frac{3}{16}$
- $2\frac{5}{8} + 4\frac{1}{8}$
- $2\frac{9}{10} - 1\frac{7}{10}$
- $1\frac{5}{6} + 3\frac{1}{6}$
- $11\frac{3}{4} - \frac{11}{16}$