

## Homework

## Activity 1

Tell the Greatest Common Factor (GCF) for each pair of numbers.

- 12 and 15
- 16 and 18
- 15 and 20
- 24 and 36
- 28 and 35

## Activity 2

The rates tell how long it took different students to run laps. Tell which rates can be simplified. Then simplify them.

- 4 laps in 10 minutes or  $\frac{4}{10}$
- 3 laps in 4 minutes or  $\frac{3}{4}$
- 5 laps in 15 minutes or  $\frac{5}{15}$
- 6 laps in 18 minutes or  $\frac{6}{18}$
- 12 laps in 28 minutes or  $\frac{12}{28}$
- 13 laps in 15 minutes or  $\frac{13}{15}$

## Activity 3

Complete the proportion for each of the rates. Simplify when necessary.

- $\frac{4}{6} = \frac{6}{x}$
- $\frac{6}{8} = \frac{x}{16}$
- $\frac{6}{12} = \frac{5}{x}$
- $\frac{8}{10} = \frac{x}{15}$
- $\frac{4}{10} = \frac{8}{x}$

## Activity 4 • Distributed Practice

Solve.

- $438 - a = -399$
- $\frac{2}{5} \cdot \frac{3}{4} = b$
- $43.7 + 29.8 = c$
- $d + 199 = 207$
- $\frac{11}{12} \div \frac{1}{3} = e$
- $13.05 - 4.8 = f$
- $72 \div g = 8$
- $h - 125 = 375$