Lesson 6

Homework

Activity 1

Tell the value of the variable.

1. $a + 80 = 170$
2. $270 \div b = 90$
3. $40 \cdot 5 = c$
4. $d - 120 = 150$
5. $e \cdot 70 = 560$
6. $f \div 8 = 90$

Activity 2

Tell the missing value in each of the proportions.

1. $\frac{3}{4} = \frac{x}{8}$
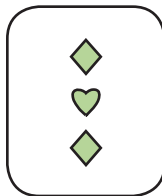2. $\frac{4}{5} = \frac{12}{y}$
3. $\frac{1}{3} = \frac{w}{15}$
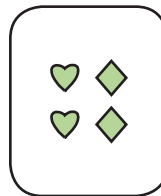4. $\frac{5}{w} = \frac{15}{24}$

Activity 3

Tell which two pattern cards in each set represent a proportional relationship. Then tell the proportion.

1. Which two cards are proportional? What is the proportion?
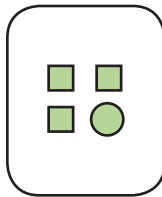

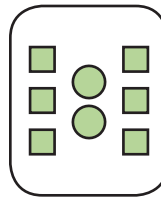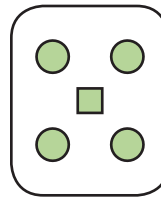Card 1   Card 2   Card 3

2. Which two cards are proportional? What is the proportion?

Card 1   Card 2   Card 3
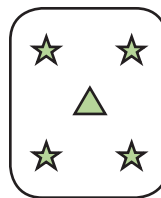
3. Which two cards are proportional? What is the proportion?

Card 1   Card 2   Card 3

Activity 4 • Distributed Practice

Solve.

1. $\frac{4}{8} \cdot \frac{1}{3}$
2. $290.04 + 109.67$
3. $\frac{3}{8} - \frac{1}{4}$
4. $1.23 + 2.37 + 4.09 + 3.11$