

## Homework

## Activity 1

Tell the value of the variable that represents the missing part in each proportion.

1.  $\frac{2}{3} = \frac{x}{12}$

2.  $\frac{3}{4} = \frac{9}{y}$

3.  $\frac{4}{w} = \frac{16}{20}$

4.  $\frac{z}{5} = \frac{4}{10}$

5.  $\frac{5}{b} = \frac{30}{36}$

6.  $\frac{m}{10} = \frac{80}{100}$

## Activity 2

Select the word statement that best matches the number statement.

1.  $3 \cdot x = r$

If  $x$  is the number of teachers and  $r$  is the number of students, then

- (a) There are 3 times as many teachers as students.
- (b) There are 3 more teachers than students.
- (c) There are 3 times as many students as teachers.

2.  $a = b + 4$

If  $a$  is Marius' age and  $b$  is Kyle's age, then

- (a) Marius is 4 years older than Kyle.
- (b) Kyle is 4 years older than Marius.
- (c) Marius is 4 times older than Kyle.

3.  $m - 5 = n$

If  $m$  is the number of points Zach scored and  $n$  is the number of points Larry scored, then

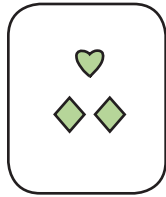
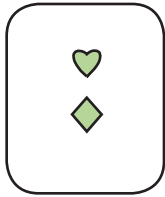
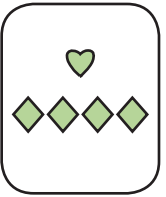
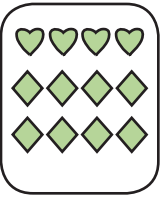

- (a) Zach scored 5 less points than Larry.
- (b) Larry scored 5 more points than Zach.
- (c) Zach scored 5 more points than Larry.

Homework

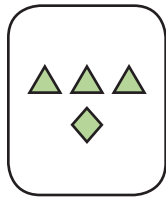
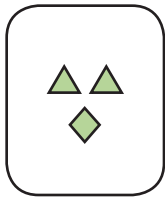
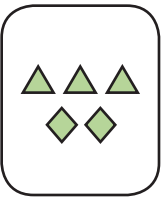
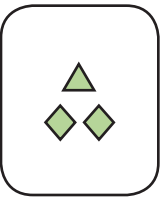

Activity 3

Tell which two cards represent a proportional relationship. Then write the proportion.






1. Which two cards are proportional? Write the proportion.

				
Card 1	Card 2	Card 3	Card 4	Card 5

2. Which two cards are proportional? Write the proportion.

				
Card 1	Card 2	Card 3	Card 4	Card 5

3. Which two cards are proportional? Write the proportion.

				
Card 1	Card 2	Card 3	Card 4	Card 5

Activity 4 • Distributed Practice

Solve.

- |                                    |                                    |
|------------------------------------|------------------------------------|
| 1. $\frac{5}{8} \cdot \frac{1}{3}$ | 2. $29.71 + 32.85$                 |
| 3. $209.01 - 166.98$               | 4. $12.85 + 13.97 + 14.01 + 15.76$ |
| 5. $\frac{5}{9} \div \frac{1}{9}$  | 6. $12.1 \cdot 0.2$                |
| 7. $\frac{4}{3} - \frac{1}{2}$     | 8. $248.8 \div 0.02$               |