Homework

Activity 1

Solve the proportions by finding the value of the variable.

1. $\frac{y}{3} = \frac{6}{9}$

2. $\frac{2}{5} = \frac{z}{20}$

3. $\frac{3}{8} = \frac{27}{w}$

4. $\frac{4}{n} = \frac{24}{54}$

Activity 2

Use the *x/y* tables to write an equation.

1. What is this function?

x	y
2	4
5	10
10	20
25	50

2. What is this function?

x	y
1	5
2	10
3	15
10	50

3. What is this function?

x	y
4	36
7	63
3	27
8	72

Activity 3

The dot graph shows the functional relationship between how much Tina gets paid and how much she works. Answer the questions using the graph.
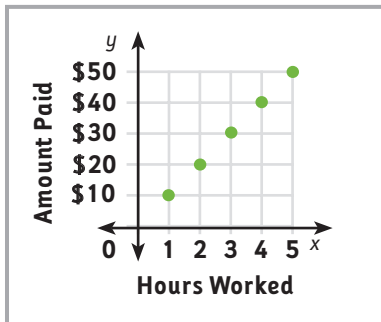
1. How much does Tina get paid for working 5 hours?

2. How many hours does Tina work if she gets paid $40?

3. How much does Tina get paid per hour?

4. If Tina worked 8 hours, how much would she get paid?

Activity 4 • Distributed Practice

Solve.

1. $3x + 2 = 14$

2. $-5z = 15$

3. $-27 = 3y$

4. $a + 16 = 17$

5. $15 = b - 2$

6. $3c = -24$

7. $5d + 10 = 25$

8. $-6e - 18 = -24$