Activity 1

Select the statement that best describes the functional relationships shown in the tables. Write a, b, or c on your paper.

1.

Input	Output
2	4
5	10
10	20
25	50

(a) times 2
(b) plus 2
(c) plus 25

2.

Input	Output
12	4
9	3
24	8
3	1

(a) minus 8
(b) divided by 3
(c) times 3

3.

Input	Output
27	22
17	12
7	2
37	32

(a) minus 7
(b) divided by 3
(c) plus −5

Activity 2

Tell if there is a systematic relationship shown by the table of data in each problem. Answer yes or no.

1.

x	y
5	2
7	9
11	15
2	−5

Does this data represent a systematic relationship?

2.

x	y
1	4
2	8
3	12
4	16

Does this data represent a systematic relationship?

3.

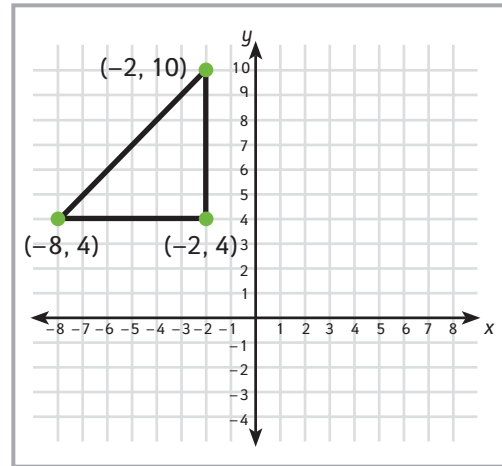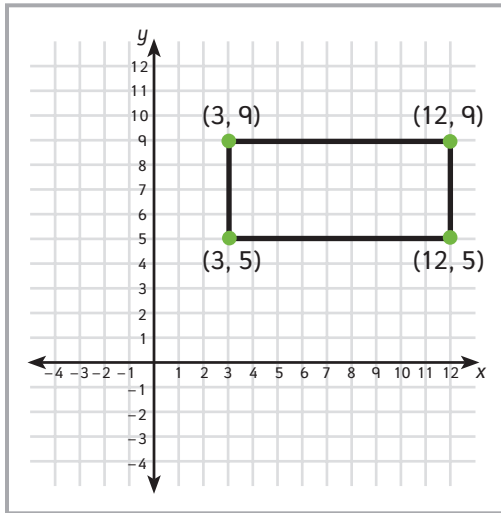| x	y
1	5
2	10
3	15
4	20
5	25

Does this data represent a systematic relationship?

Homework

Activity 3

Tell the coordinates of the new shape.

1. Translate the rectangle one unit to the left.

2. Reflect the triangle across the y-axis.

Activity 4 • Distributed Practice

Solve.

1. $-25 - -15$

2. $270 \div -30$

3. $17 + -25$

4. $-80 \cdot -3$

5. $7 - 22$

6. $-100 \div -5$

7. $-125 + -125$

8. $-70 \cdot -7$