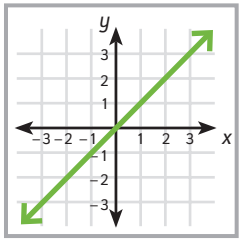
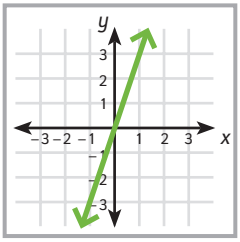
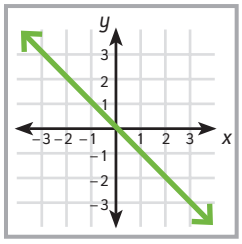
Homework

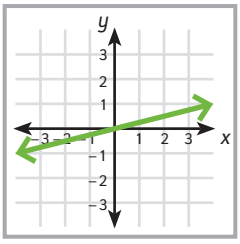
Activity 1

For each of the graphs, create an *x*/*y* table.

1. 

2. 

3. 

4. 

Activity 2

For each of the *x*/*y* tables, write an equation that represents the function.

1.

x	*y*
2	4
3	6
10	20
100	200

2.

x	*y*
4	2
6	3
20	10
200	100

3.

x	*y*
5	−5
10	−10
100	−100
0	0

4.

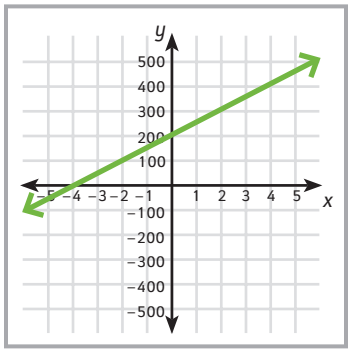
x	*y*
16	4
100	25
32	8
4	1

Homework

Activity 3

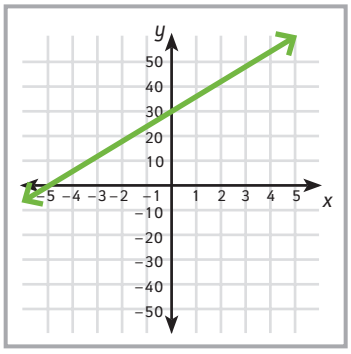
Look at each of the graphs. They show the relationship between two functions. Tell the point where the two functions intersect.

1.



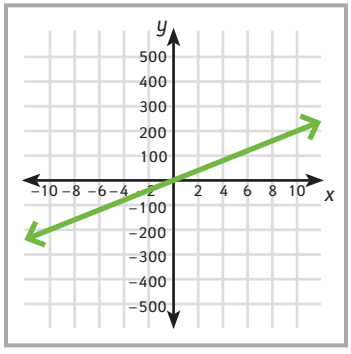
What are the coordinates of the point where the two functions intersect?

2.



What are the coordinates of the point where the two functions intersect?

3.



What are the coordinates of the point where the two functions intersect?

Activity 4 • Distributed Practice

Solve.

1. $3x + 4 = 12$

2. $-56 = -8x$

3. $4x + 7 = 15$

4. $-27 = 9 + -4x$

5. $90x = 180$

6. $-15 = 12 + 3x$

7. $-48x = -46 - 2x$

8. $x + 17 = 34$