

Reading Linear Graphs

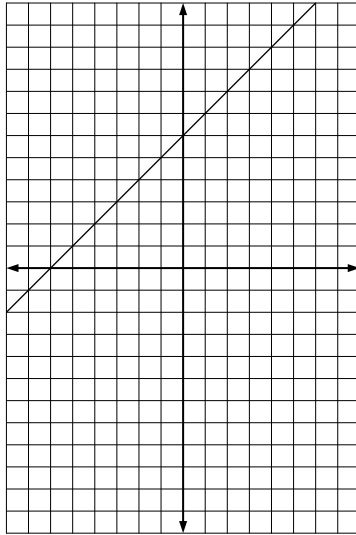
Name: _____ Date: _____

Use the completed graphs to answer the problems.

(1)

| x | y |
|----|---|
| -7 | |
| -5 | |
| -2 | |
| 0 | |

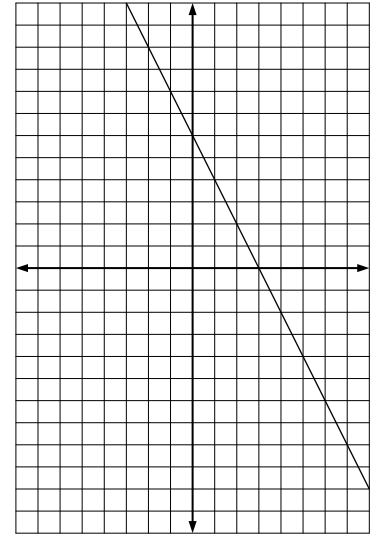
Slope:
Y-Intercept:
Equation:



(4)

| x | y |
|---|---|
| 0 | |
| 1 | |
| 4 | |
| 6 | |

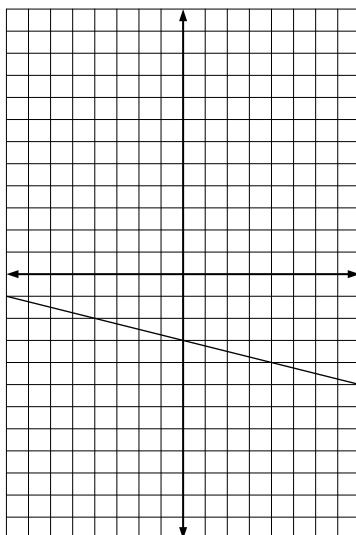
Slope:
Y-Intercept:
Equation:



(2)

| x | y |
|----|---|
| -7 | |
| -6 | |
| 1 | |
| 6 | |

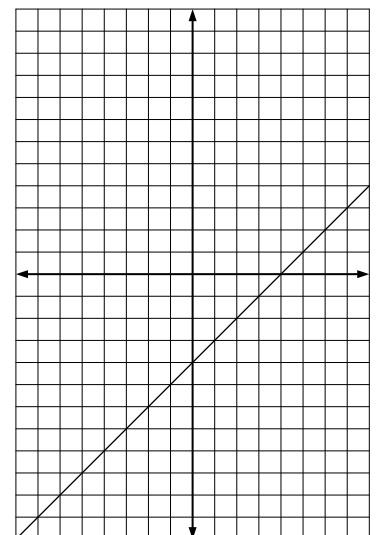
Slope:
Y-Intercept:
Equation:



(5)

| x | y |
|----|---|
| -3 | |
| 0 | |
| 2 | |
| 5 | |

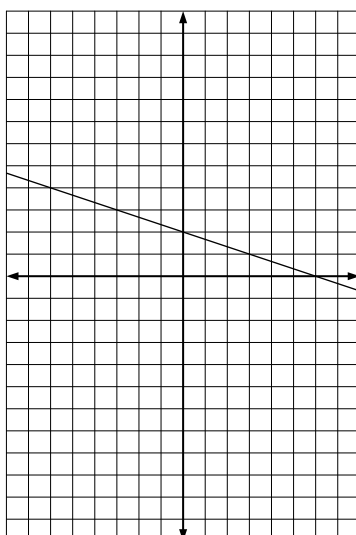
Slope:
Y-Intercept:
Equation:



(3)

| x | y |
|----|---|
| -7 | |
| -1 | |
| 1 | |
| 2 | |

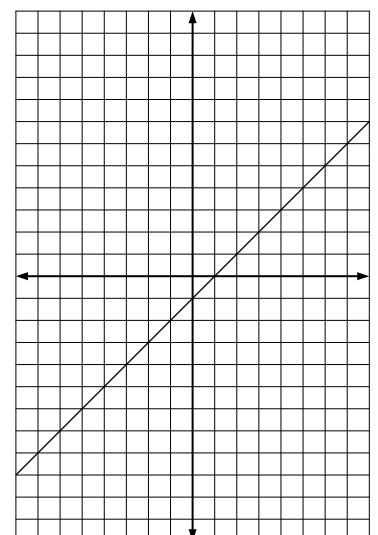
Slope:
Y-Intercept:
Equation:



(6)

| x | y |
|----|---|
| -4 | |
| -2 | |
| -1 | |
| 2 | |

Slope:
Y-Intercept:
Equation:



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ANSWER KEY

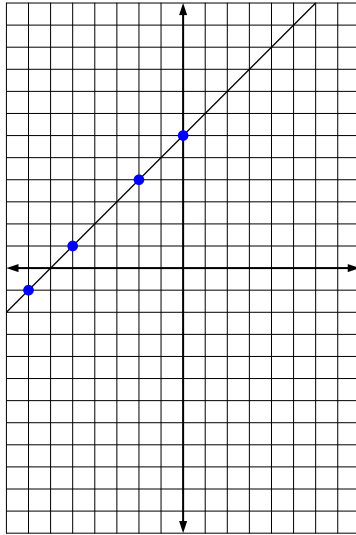
Use the completed graphs to answer the problems.

(1)

| x | y |
|----|----|
| -7 | -1 |
| -5 | 1 |
| -2 | 4 |
| 0 | 6 |

Slope: 1
Y-Intercept: 6
Equation:

$$y = x + 6$$

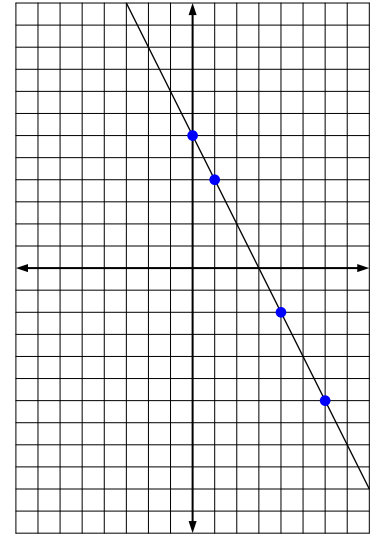


(4)

| x | y |
|---|----|
| 0 | 6 |
| 1 | 4 |
| 4 | -2 |
| 6 | -6 |

Slope: -2
Y-Intercept: 6
Equation:

$$y = -2x + 6$$

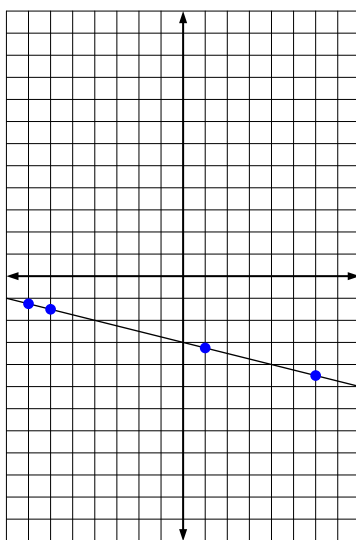


(2)

| x | y |
|----|-----------------|
| -7 | $-1\frac{1}{4}$ |
| -6 | $-1\frac{1}{2}$ |
| 1 | $-3\frac{1}{4}$ |
| 6 | $-4\frac{1}{2}$ |

Slope: $-\frac{1}{4}$
Y-Intercept: -3
Equation:

$$y = -\frac{1}{4}x - 3$$

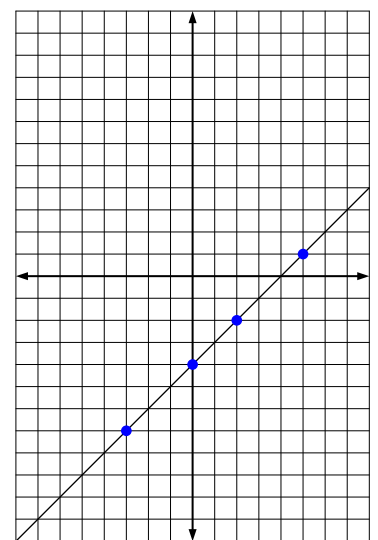


(5)

| x | y |
|----|----|
| -3 | -7 |
| 0 | -4 |
| 2 | -2 |
| 5 | 1 |

Slope: 1
Y-Intercept: -4
Equation:

$$y = x - 4$$

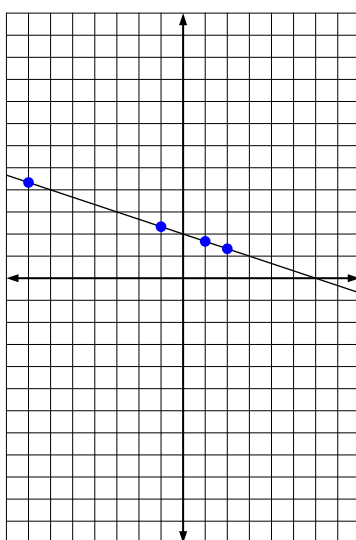


(3)

| x | y |
|----|----------------|
| -7 | $4\frac{1}{3}$ |
| -1 | $2\frac{1}{3}$ |
| 1 | $1\frac{2}{3}$ |
| 2 | $1\frac{1}{3}$ |

Slope: $-\frac{1}{3}$
Y-Intercept: 2
Equation:

$$y = -\frac{1}{3}x + 2$$



(6)

| x | y |
|----|----|
| -4 | -5 |
| -2 | -3 |
| -1 | -2 |
| 2 | 1 |

Slope: 1
Y-Intercept: -1
Equation:

$$y = x - 1$$

