# Graphing Linear Equations

Complete the table. Plot the points and graph the line.

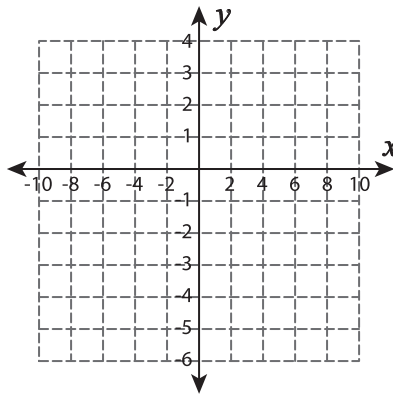1)  $7x - y = 7$

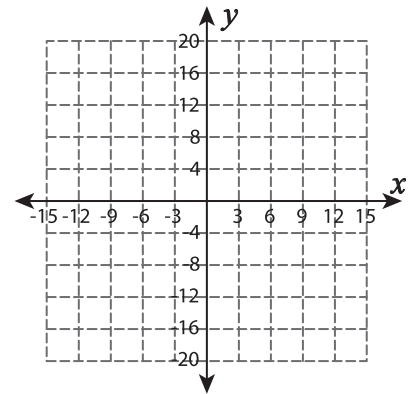| $x$ | 0 | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|
| $y$ | | | | | |
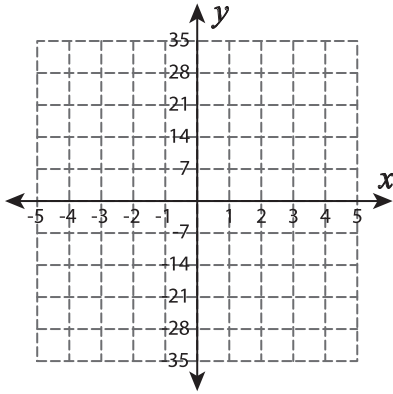
2)  $2x - 8 = 4y$

| $x$ | −8 | −6 | −4 | −2 | 0 |
|---|---|---|---|---|---|
| $y$ | | | | | |

3)  $3y = 12 - 2x$

| $x$ | −12 | −6 | 0 | 6 | 12 |
|---|---|---|---|---|---|
| $y$ | | | | | |

4)  $15 = 10x + 5y$

| $x$ | −2 | −1 | 0 | 2 | 3 |
|---|---|---|---|---|---|
| $y$ | | | | | |
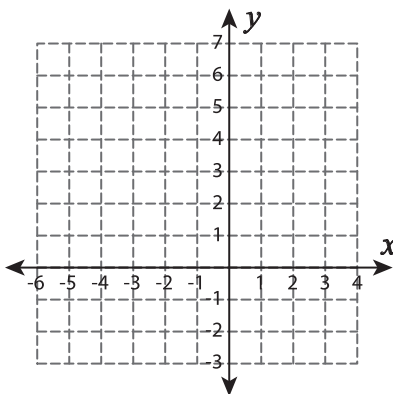
5)  $4y = -x + 12$

| $x$ | −8 | −4 | 0 | 4 | 8 |
|---|---|---|---|---|---|
| $y$ | | | | | |
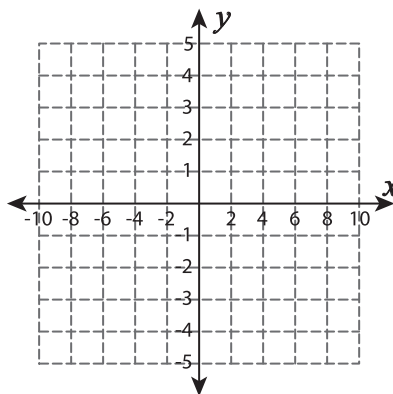
6)  $x + 12 = 6y$

| $x$ | −12 | −6 | 0 | 6 | 12 |
|---|---|---|---|---|---|
| $y$ | | | | | |
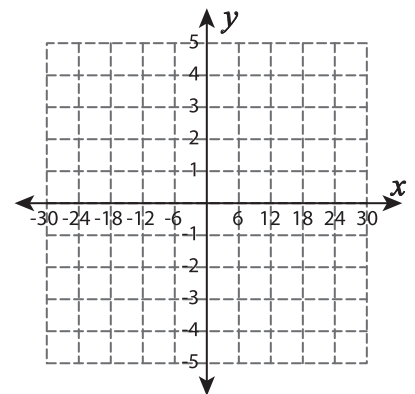
7)  $-x + 9y = 9$

| $x$ | 9 | 18 | 27 | 36 | 45 |
|---|---|---|---|---|---|
| $y$ | | | | | |
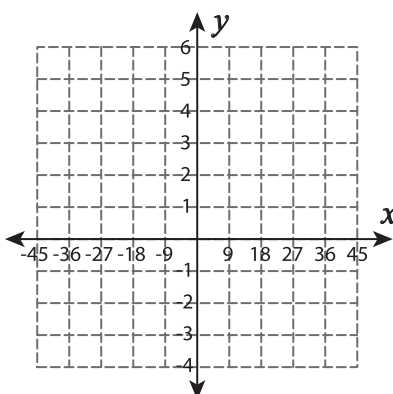
8)  $-35 = 5y - x$

| $x$ | 5 | 10 | 15 | 20 | 25 |
|---|---|---|---|---|---|
| $y$ | | | | | |

9)  $2y = -x + 8$

| $x$ | −2 | 0 | 2 | 4 | 6 |
|---|---|---|---|---|---|
| $y$ | | | | | |