# WS 8C.1 – Equations, Graphs, and Tables

Given either an equation, a graph, or a table for each line, complete the remaining two.

**1.**
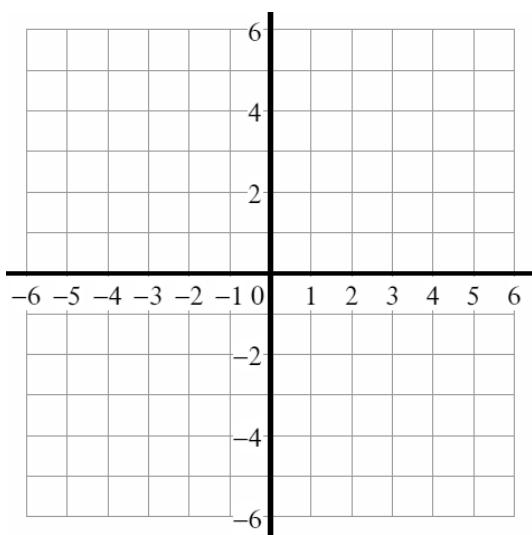


| x | y |
|---|---|
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |

Equation in **slope-intercept** form:

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

**2.**



| x | y |
|---|---|
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |
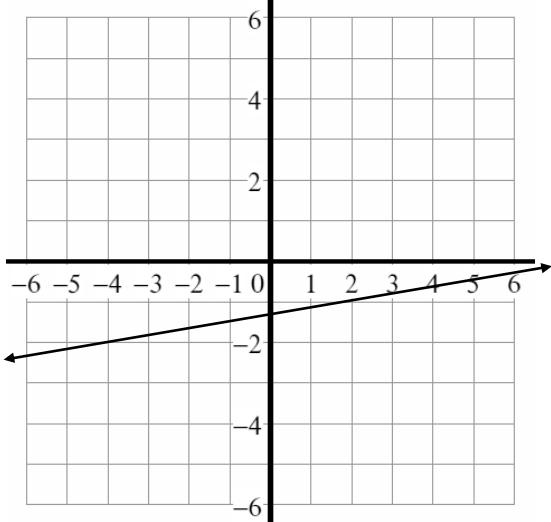
Equation in **point-slope** form:

**3.**
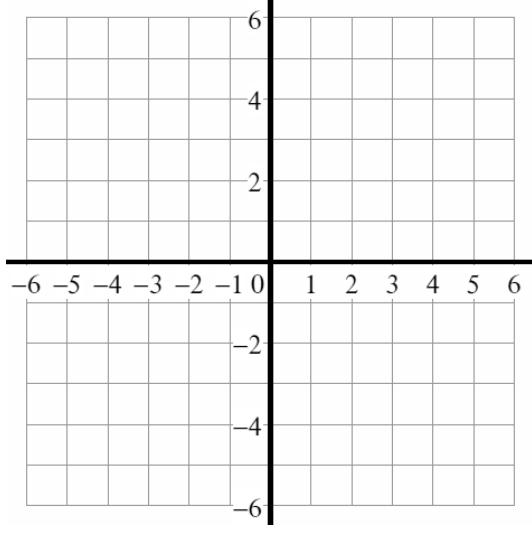


| x | y |
|---|---|
| 2 | 2 |
| 0 | -4 |
| 1 | -1 |
| 3 | 5 |
| -1 | -7 |

Equation in **standard** form:

**4.**
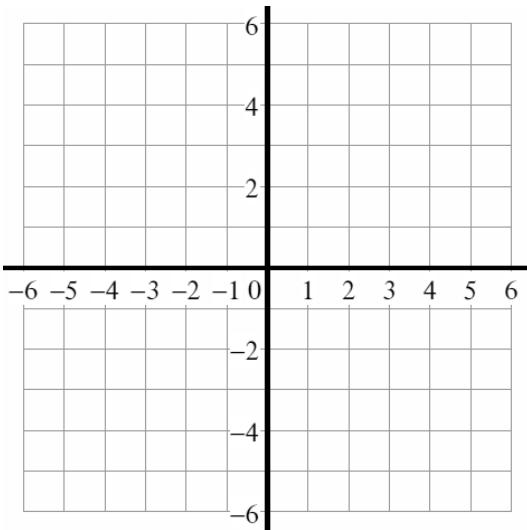


| x | y |
|---|---|
| 3 | -1 |
| 0 | -4 |
| -2 | -6 |
| 4 | 0 |
| -1 | -5 |

Equation in **slope-intercept** form:

**5.**



| x | y |
|---|---|
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
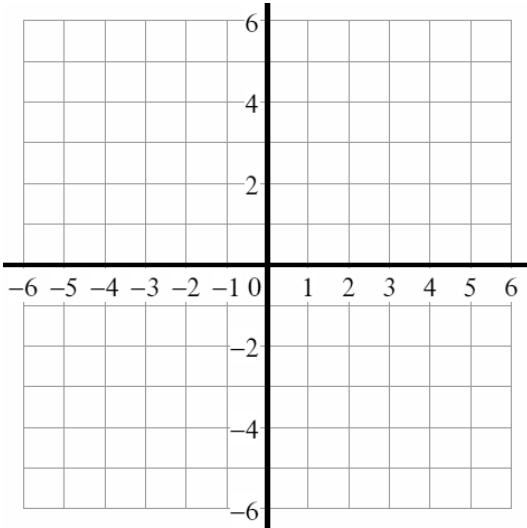
Equation in **point-slope** form:

$$y - 1 = -\frac{1}{2}(x - 2)$$

**6.**



| x | y |
|---|---|
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Equation in **standard** form: