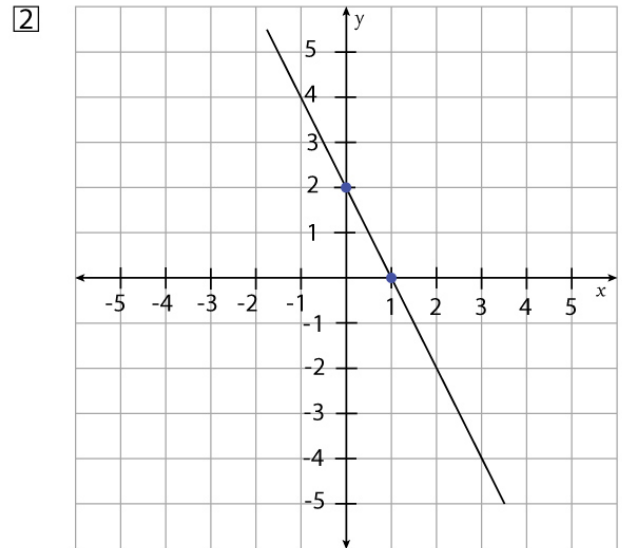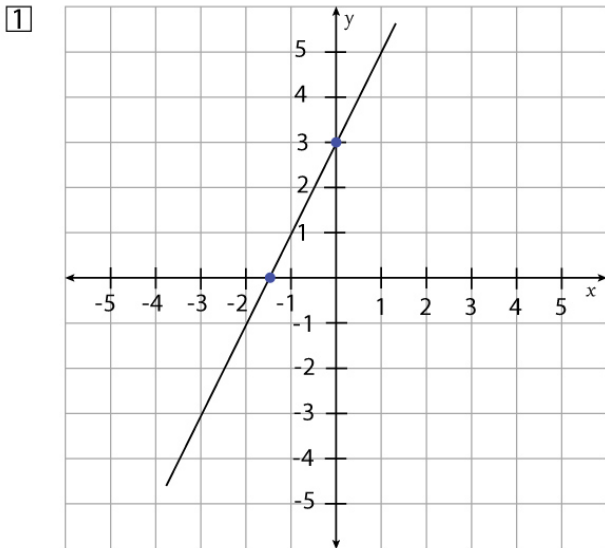# Writing Linear Equations Worksheet

Write the slope-intercept form of the equation of each given line

①

equation: _____

②

equation: _____

Write a linear equation for each table relating x and y

③

x	2	4	6	8
y	5	8	11	14

equation: _____

④

x	-5	-2	0	3	5
y	-16	-7	-1	8	14

equation: _____

Write the slope-intercept form of the equations using slope and y-intercept
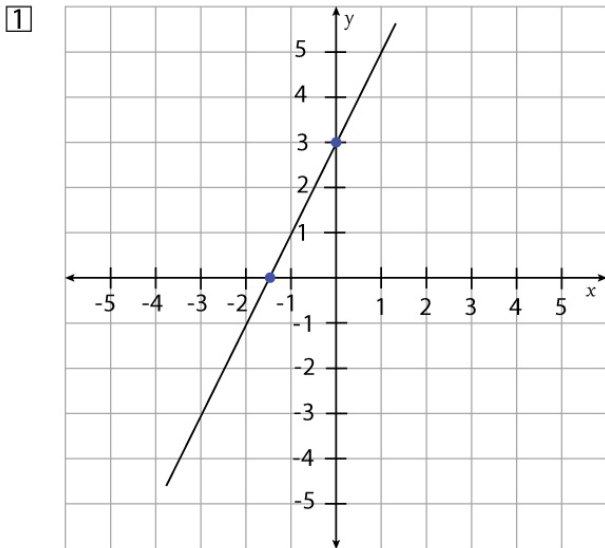
⑤ Slope $= -\dfrac{1}{2}$

y-intercept $= -2$

equation: _____

⑥ Slope $= 2$

y-intercept $= 4$

equation: _____

Writing Linear Equations Worksheet

Answers

1.

equation: $y = 2x + 3$

2.
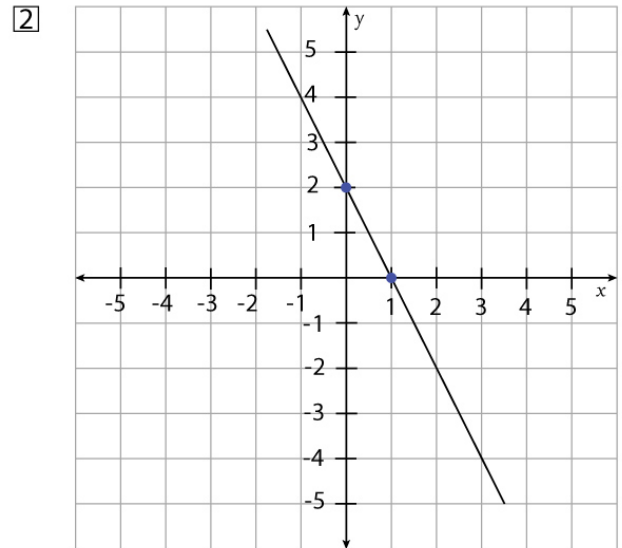
equation: $y = -2x + 2$

3.

x	2	4	6	8
y	5	8	11	14

equation: $y = \dfrac{3}{2}x$

4.

x	-5	-2	0	3	5
y	-16	-7	-1	8	14

equation: $y = 3x - 1$

5. Slope = $-\dfrac{1}{2}$

y-intercept = -2

equation: $y = -\dfrac{x}{2} - 2$

6. Slope = 2

y-intercept = 4

equation: $y = 2x + 4$