Writing Equations of Lines (Point-Slope Form) · 1

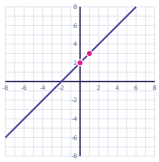
Write an equation in slope-intercept form of the line with slope 3 that passes through (4, 6).

Writing Equations of Lines (Point-Slope Form) · 2

Write an equation in point-slope form of the line with slope -3 that passes through (4, 1).

Writing Equations of Lines (Point-Slope Form) · 3

Write an equation in slope-intercept form of the line shown in the graph.



Writing Equations of Lines (Point-Slope Form) · 4

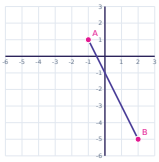
Write an equation in slope-intercept form of the line with slope -3 that passes through (-3, 13).

Writing Equations of Lines (Point-Slope Form) · 5

Write an equation in point-slope form of the line with slope 4 that passes through (1, 7).

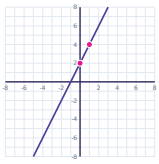
Writing Equations of Lines (Point-Slope Form) · 6

Write an equation in slope-intercept form of the line through A(-1, 1) and B(2, -5).



Writing Equations of Lines (Point-Slope Form) · 7

Write an equation in slope-intercept form of the line shown in the graph.



Writing Equations of Lines (Point-Slope Form) · 8

Write an equation in slope-intercept form of the line with slope 4 that passes through (4, 10).

Writing Equations of Lines (Point-Slope Form) · 2

ANSWER

$$y - 1 = -3(x - 4)$$

Writing Equations of Lines (Point-Slope Form) · 1

ANSWER

$$y = 3x - 6$$

Writing Equations of Lines (Point-Slope Form) · 4

ANSWER

$$y = -3x + 4$$

Writing Equations of Lines (Point-Slope Form) · 3

ANSWER

$$y = x + 2$$

Writing Equations of Lines (Point-Slope Form) · 6

ANSWER

$$y = -2x - 1$$

Writing Equations of Lines (Point-Slope Form) · 5

ANSWER

$$y - 7 = 4(x - 1)$$

Writing Equations of Lines (Point-Slope Form) · 8

ANSWER

$$y = 4x - 6$$

Writing Equations of Lines (Point-Slope Form) · 7

ANSWER

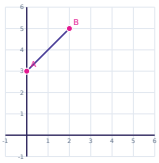
$$y = 2x + 2$$

Writing Equations of Lines (Point-Slope Form) · 9

Write an equation in point-slope form of the line with slope -5 that passes through (9, 2).

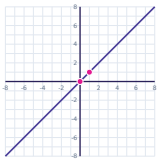
Writing Equations of Lines (Point-Slope Form) · 10

Write an equation in slope-intercept form of the line through A(0, 3) and B(2, 5).



Writing Equations of Lines (Point-Slope Form) · 11

Write an equation in slope-intercept form of the line shown in the graph.



Writing Equations of Lines (Point-Slope Form) · 12

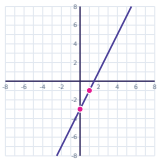
Write an equation in slope-intercept form of the line with slope -3 that passes through (-4, 5).

Writing Equations of Lines (Point-Slope Form) · 13

Write an equation in point-slope form of the line with slope 3 that passes through (7, -7).

Writing Equations of Lines (Point-Slope Form) · 14

Write an equation in slope-intercept form of the line shown in the graph.



Writing Equations of Lines (Point-Slope Form) · 15

Write an equation in slope-intercept form of the line with slope 5 that passes through (1, 5).

Writing Equations of Lines (Point-Slope Form) · 16

Write an equation in point-slope form of the line with slope -2 that passes through (5, -6).

Writing Equations of Lines (Point-Slope Form) · 10

ANSWER

$$y = x + 3$$

Writing Equations of Lines (Point-Slope Form) · 9

ANSWER

$$y - 2 = -5(x - 9)$$

Writing Equations of Lines (Point-Slope Form) · 12

ANSWER

$$y = -3x - 7$$

Writing Equations of Lines (Point-Slope Form) · 11

ANSWER

$$y = x$$

Writing Equations of Lines (Point-Slope Form) · 14

ANSWER

$$y = 2x - 3$$

Writing Equations of Lines (Point-Slope Form) · 13

ANSWER

$$y + 7 = 3(x - 7)$$

Writing Equations of Lines (Point-Slope Form) · 16

ANSWER

$$y + 6 = -2(x - 5)$$

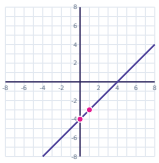
Writing Equations of Lines (Point-Slope Form) · 15

ANSWER

$$y = 5x$$

Writing Equations of Lines (Point-Slope Form) · 17

Write an equation in slope-intercept form of the line shown in the graph.



Writing Equations of Lines (Point-Slope Form) · 18

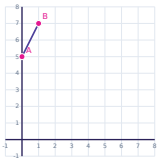
Write an equation in slope-intercept form of the line with slope -1 that passes through (2, 0).

Writing Equations of Lines (Point-Slope Form) · 19

Write an equation in point-slope form of the line with slope 6 that passes through (-7, 8).

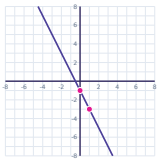
Writing Equations of Lines (Point-Slope Form) · 20

Write an equation in slope-intercept form of the line through A(0, 5) and B(1, 7).



Writing Equations of Lines (Point-Slope Form) · 21

Write an equation in slope-intercept form of the line shown in the graph.



Writing Equations of Lines (Point-Slope Form) · 22

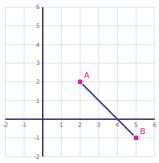
Write an equation in slope-intercept form of the line with slope -1 that passes through (0, -2).

Writing Equations of Lines (Point-Slope Form) · 23

Write an equation in point-slope form of the line with slope -3 that passes through (-3, 3).

Writing Equations of Lines (Point-Slope Form) · 24

Write an equation in slope-intercept form of the line through A(2, 2) and B(5, -1).



Writing Equations of Lines (Point-Slope Form) · 18

ANSWER

$$y = -x + 2$$

Writing Equations of Lines (Point-Slope Form) · 17

ANSWER

$$y = x - 4$$

Writing Equations of Lines (Point-Slope Form) · 20

ANSWER

$$y = 2x + 5$$

Writing Equations of Lines (Point-Slope Form) · 19

ANSWER

$$y - 8 = 6(x + 7)$$

Writing Equations of Lines (Point-Slope Form) · 22

ANSWER

$$y = -x - 2$$

Writing Equations of Lines (Point-Slope Form) · 21

ANSWER

$$y = -2x - 1$$

Writing Equations of Lines (Point-Slope Form) · 24

ANSWER

$$y = -x + 4$$

Writing Equations of Lines (Point-Slope Form) · 23

ANSWER

$$y - 3 = -3(x + 3)$$