

- 1 What is an equation of the line that passes through the point $(4, -6)$ and has a slope of -3 ?
060922ia (1) $y = -3x + 6$ (3) $y = -3x + 10$
(2) $y = -3x - 6$ (4) $y = -3x + 14$
- 2 What is an equation of the line that passes through the point $(3, -1)$ and has a slope of 2 ?
080927ia (1) $y = 2x + 5$ (3) $y = 2x - 4$
(2) $y = 2x - 1$ (4) $y = 2x - 7$
- 3 An equation of the line that has a slope of 3 and a y -intercept of -2 is
010408a (1) $x = 3y - 2$ (3) $y = -x$
(2) $y = 3x - 2$ (4) $y = -2x + 3$
- 4 Which equation represents the line whose slope is 2 and whose y -intercept is 6 ?
010905a (1) $y = 2x + 6$ (3) $2y + 6x = 0$
(2) $y = 6x + 2$ (4) $y + 2x = 6$
- 5 If point $(-1, 0)$ is on the line whose equation is $y = 2x + b$, what is the value of b ?
060521a (1) 1 (3) 3
(2) 2 (4) 0
- 6 What is an equation of the line that passes through the points $(3, -3)$ and $(-3, -3)$?
010910ia (1) $y = 3$ (3) $y = -3$
(2) $x = -3$ (4) $x = y$
- 7 What is an equation for the line that passes through the coordinates $(2, 0)$ and $(0, 3)$?
fall0713ia (1) $y = -\frac{3}{2}x + 3$ (3) $y = -\frac{2}{3}x + 2$
(2) $y = -\frac{3}{2}x - 3$ (4) $y = -\frac{2}{3}x - 2$
- 8 Write an equation that represents the line that passes through the points $(5, 4)$ and $(-5, 0)$.
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