

Name: \_\_\_\_\_

- 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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