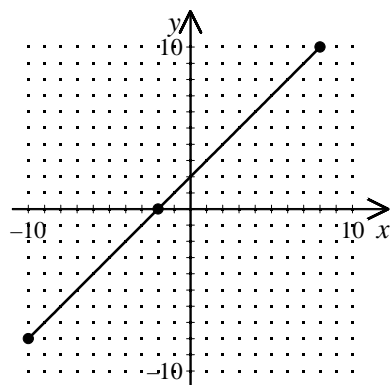


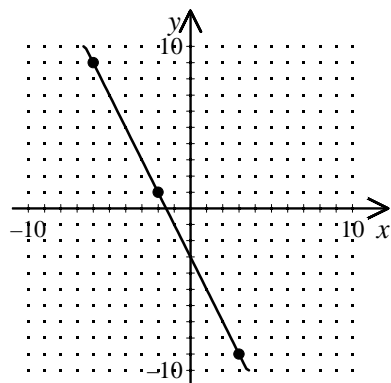
*P.I. A.G.4: Identify and graph linear, quadratic (parabolic), absolute value, and exponential functions*

1. Which of these equations is shown on the graph?



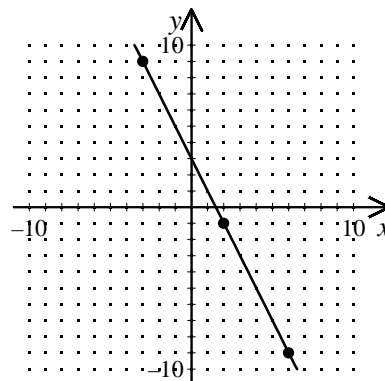
- [A]  $y = x$                       [B]  $y = 2x + 2$   
 [C]  $y = x + 2$                 [D]  $y = x - 2$

2. Which of these equations is shown on the graph?



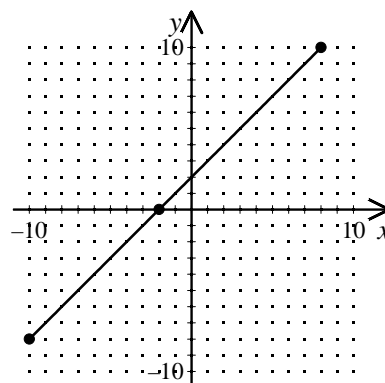
- [A]  $y = -2x + 3$             [B]  $y = -2x$   
 [C]  $y = -3x - 3$            [D]  $y = -2x - 3$

3. Which of these equations is shown on the graph?



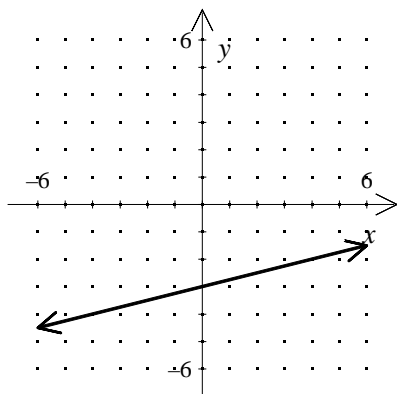
- [A]  $y = 3x + 3$                 [B]  $y = -2x$   
 [C]  $y = -2x + 3$             [D]  $y = -2x - 3$

4. Which of these equations is shown on the graph?



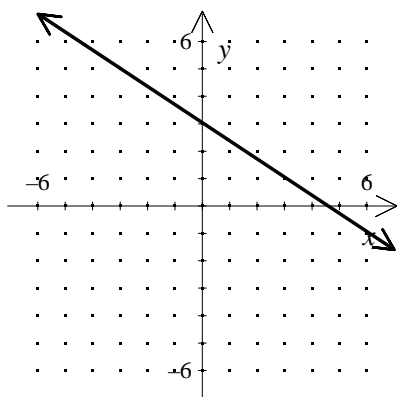
- [A]  $y = x + 2$                 [B]  $y = x$   
 [C]  $y = 2x + 2$             [D]  $y = x - 2$

5. Which equation is correct for the line graphed below?



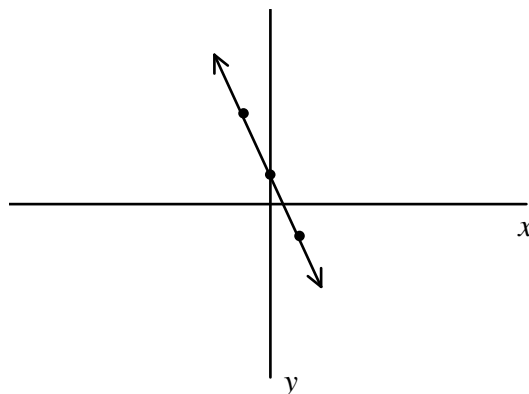
- [A]  $y = 4x + 3$       [B]  $y = -\frac{1}{4}x - 3$   
 [C]  $y = -4x - 3$       [D]  $y = -\frac{1}{4}x + 3$   
 [E]  $y = \frac{1}{4}x - 3$

6. Which equation is correct for the line graphed below?



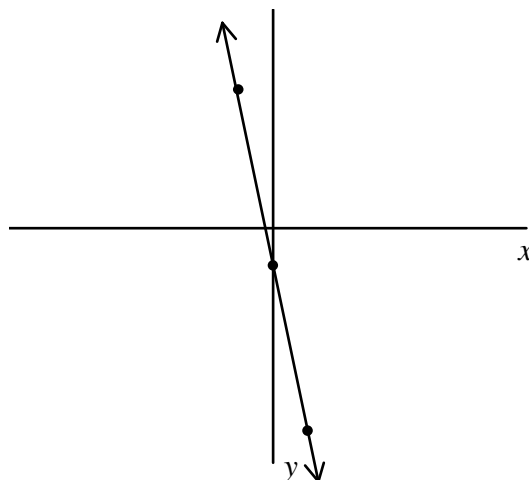
- [A]  $y = -\frac{2}{3}x + 10$       [B]  $y = -\frac{2}{3}x + 3$   
 [C]  $y = -\frac{2}{3}x + 3\frac{1}{3}$       [D]  $y = \frac{2}{3}x + 10$   
 [E]  $y = -2x + 10$

7. The coordinate plane below shows the graph of which equation?



- [A]  $y = -2x + 1$       [B]  $y = 2x - 1$   
 [C]  $y = x + 3$       [D]  $y = \frac{1}{2}x + 2$

8. The coordinate plane below shows the graph of which equation?



- [A]  $y = -5x - 1$       [B]  $y = 6x - 1$   
 [C]  $y = -x + 5$       [D]  $y = 3x + 2$

Integrated Algebra Practice: A.G.4 #8

[www.jmap.org](http://www.jmap.org)

[1] C

[2] D

[3] C

[4] A

[5] E

[6] B

[7] A

[8] A