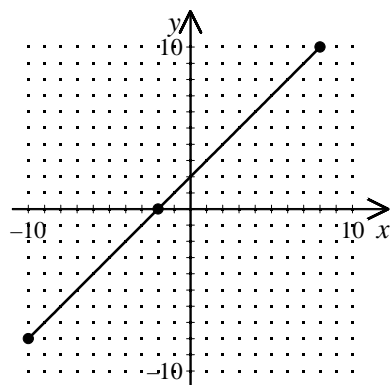


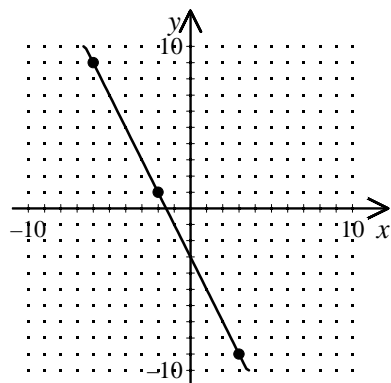
A.G.4: Identify and graph linear, quadratic (parabolic), absolute value, and exponential functions

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



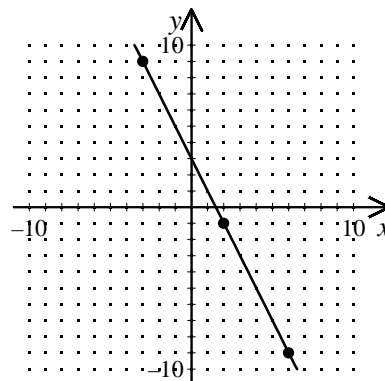
- [A] $y = x$ [B] $y = 2x + 2$
 [C] $y = x + 2$ [D] $y = x - 2$

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



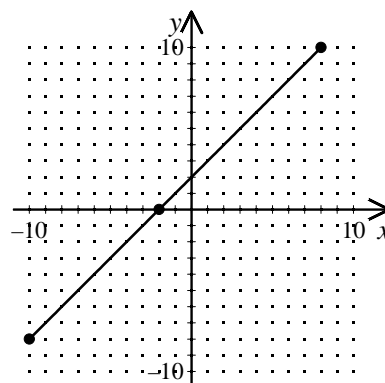
- [A] $y = -2x + 3$ [B] $y = -2x$
 [C] $y = -3x - 3$ [D] $y = -2x - 3$

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



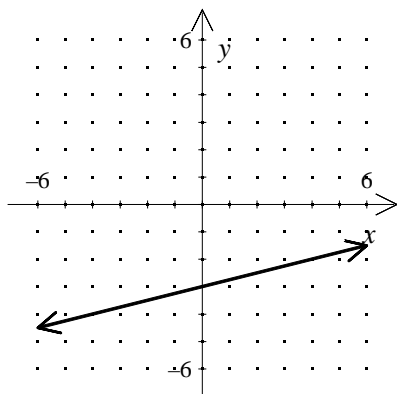
- [A] $y = 3x + 3$ [B] $y = -2x$
 [C] $y = -2x + 3$ [D] $y = -2x - 3$

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



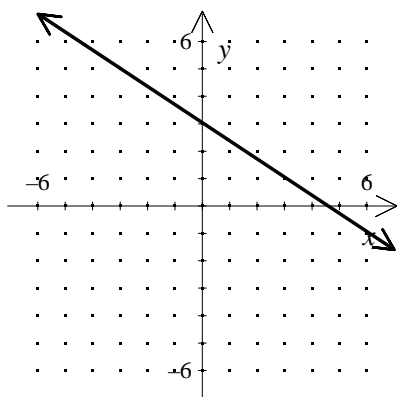
- [A] $y = x + 2$ [B] $y = x$
 [C] $y = 2x + 2$ [D] $y = x - 2$

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



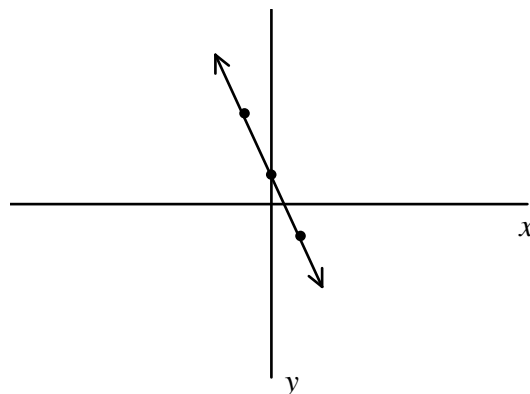
- [A] $y = 4x + 3$ [B] $y = -\frac{1}{4}x - 3$
 [C] $y = -4x - 3$ [D] $y = -\frac{1}{4}x + 3$
 [E] $y = \frac{1}{4}x - 3$

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



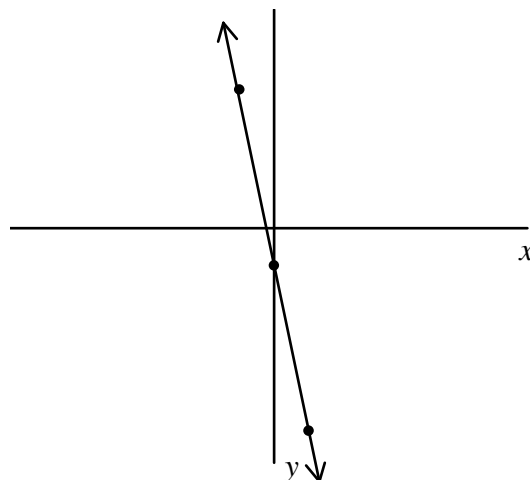
- [A] $y = -\frac{2}{3}x + 10$ [B] $y = -\frac{2}{3}x + 3$
 [C] $y = -\frac{2}{3}x + 3\frac{1}{3}$ [D] $y = \frac{2}{3}x + 10$
 [E] $y = -2x + 10$

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] $y = 3x + 2$

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[1] C

[2] D

[3] C

[4] A

[5] E

[6] B

[7] A

[8] A