

NAME: _____

1. 060922ia, P.I. A.A.34

What is an equation of the line that passes through the point $(4, -6)$ and has a slope of -3 ?

- [A] $y = -3x - 6$ [B] $y = -3x + 6$
[C] $y = -3x + 14$ [D] $y = -3x + 10$

2. 080927ia, P.I. A.A.34

What is an equation of the line that passes through the point $(3, -1)$ and has a slope of 2?

- [A] $y = 2x + 5$ [B] $y = 2x - 7$
[C] $y = 2x - 1$ [D] $y = 2x - 4$

3. 010408a, P.I. A.A.34

An equation of the line that has a slope of 3 and a y -intercept of -2 is

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

4. 010905a, P.I. A.A.34

Which equation represents the line whose slope is 2 and whose y -intercept is 6?

- [A] $2y + 6x = 0$ [B] $y + 2x = 6$
[C] $y = 2x + 6$ [D] $y = 6x + 2$

5. 060521a, P.I. A.A.34

If point $(-1, 0)$ is on the line whose equation is $y = 2x + b$, what is the value of b ?

- [A] 0 [B] 1 [C] 2 [D] 3

6. 010910ia, P.I. A.A.35

What is an equation of the line that passes through the points $(3, -3)$ and $(-3, -3)$?

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

7. fall0713ia, P.I. A.A.35

What is an equation for the line that passes through the coordinates $(2, 0)$ and $(0, 3)$?

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

8. 080836ia, P.I. A.A.35

Write an equation that represents the line that passes through the points $(5, 4)$ and $(-5, 0)$.

[1] B _____

[2] B _____

[3] A _____

[4] C _____

[5] C _____

[6] C _____

[7] B _____

[3] $y - 4 = \frac{2}{5}(x - 5)$ or $y = \frac{2}{5}x + 2$ or an

equivalent equation, and appropriate work is shown.

[2] Appropriate work is shown, but one computational error is made.

or [2] Appropriate work is shown to find the slope and y-intercept, but an equation is not written or is written incorrectly.

[1] Appropriate work is shown, but two or more computational errors are made.

or [1] Appropriate work is shown, but one conceptual error is made.

or [1] Appropriate work is shown to find the slope or y-intercept, but an equation is not written or is written incorrectly.

or [1] $y - 4 = \frac{2}{5}(x - 5)$ or $y = \frac{2}{5}x + 2$, but no

work is shown.

[0] A zero response is completely incorrect, irrelevant, or incoherent or is a correct response that was obtained by an obviously

[8] incorrect procedure.