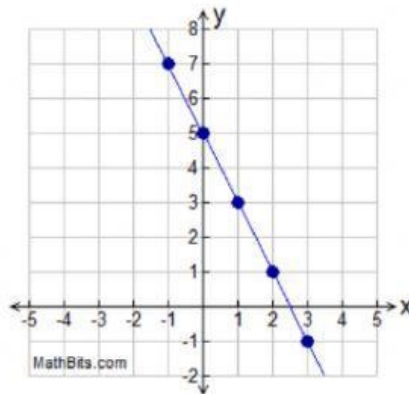


Name:

Class:

GRAPH LINEAR

1. Which equation could represent the graph at the right? (Points with integer coordinates are shown.)



- ☐ $-2x + y = 5$
 - ☐ $2x + y = 5$
 - ☐ $y = 2x + 5$
 - ☐ $y - 3 = 2(x - 1)$
2. What is the y-intercept of the graph $0.25x + 0.05y = 1.00$?
- ☐ (0,1)
 - ☐ (0,10)
 - ☐ (0,2)
 - ☐ (0,20)
3. Which statement describes the graph of $y = 7$?
- ☐ A horizontal line with no "run" and infinite "rise".
 - ☐ A horizontal line with no "rise" and infinite "run".
 - ☐ A vertical line with no "run" and infinite "rise".

- A vertical line with no "rise" and infinite "run".

4. If one point on the graph of a line is $(-1, 8)$ and the slope is -2 , find the coordinates of the y -intercept of the line.

- $(0, 6)$
- $(0, 8)$
- $(0, -1)$
- $(0, 10)$

5. Consider the equation $2x + 4y = 8$. Which of the following points does **not** lie on this straight line?

- $(1, 1.5)$
- $(-0.75, 2.5)$
- $(0.5, 1.75)$
- $(2, 1)$