

NAME _____

Date _____

Period _____

Section 4.1

ALGEBRA

Calculating Slope: Practice A

1. What is the slope and the y-intercept of the line going through the points (5, 4) & (3, 6)?
(Hint: Use the STAT button the graphing calculator)

2. In the equation below, find the value for k. (Hint: You may want to guess/check)

$$\frac{5-k}{4-2} = \frac{3}{2}$$

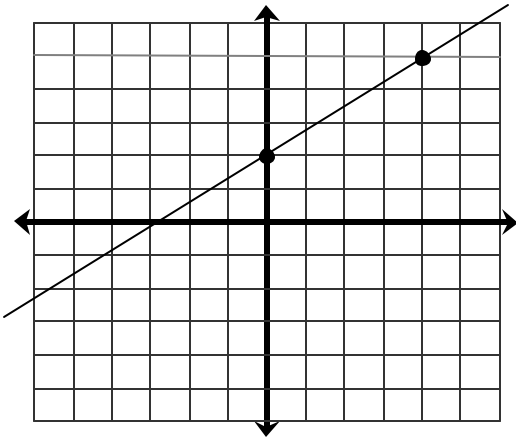
3. What is the slope and the y-intercept of the line passing through the points (1, 4) & (6, 3)?

4. The slope of our line is 2. The two points are (k, 2) and (2, 4).

What is the value of k? A) 1 B) 2 C) 3 D) 4



5. Find the slope and the y-intercept from the graph below.



Slope = _____ (Hint: Travel from point to point)

y-int = _____

6. The slope of our line is 4. The two points are (2, 8) and (1, k).

What is the value of k? A) 1 B) 2 C) 3 D) 4

7. What is the y-intercept of the line going through the points (1, 3) & (2, 5)?

Plot the y-intercept on the graph:

What is the point for the y-intercept?

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