

MATH

Long-term Memory Review

PROFICIENCY PRACTICE: MONDAY REVIEW

1) What does slope of a line mean to you?

2) How do you find the slope of a line?

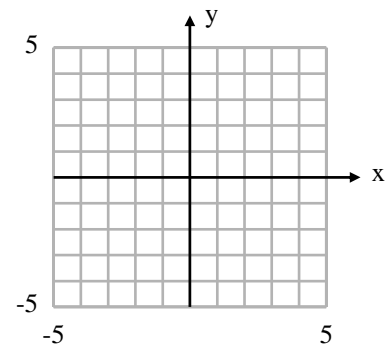
3) What is the y-intercept?

4) Plot the points $A(3,2)$ and $B(-2,-2)$:

a) From point B to point A , by how much does the y -value change? _____

b) From point B to point A , by how much does the x -value change? _____

c) What is the slope of \overline{AB} ? _____



5) Using points $A(-3,1)$ and $B(1,0)$, what is the slope of \overline{AB} ?

MATH

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PROFICIENCY PRACTICE: TUESDAY REVIEW

1) What does slope of a line mean to you?

2) How do you find the slope of a line?

3) What is the y-intercept?

4) Identify the slope of the following lines as positive, negative, zero, and no/undefined slope:



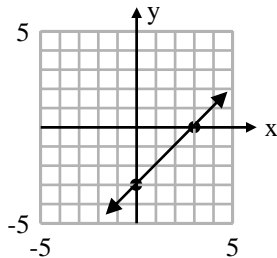






5) In the equation $y = 3x + 2$: the slope is _____ and the y-intercept is _____

6) What is the y-intercept of the graph below? _____



MATH

Long-term Memory Review

PROFICIENCY PRACTICE: WEDNESDAY REVIEW

1) What does slope of a line mean to you?

2) How do you find the slope of a line?

3) What is the y-intercept?

4) Identify the slope of the following lines as positive, negative, zero, and no/undefined slope:









5) Plot the points $A(0,1)$ and $B(2,0)$:

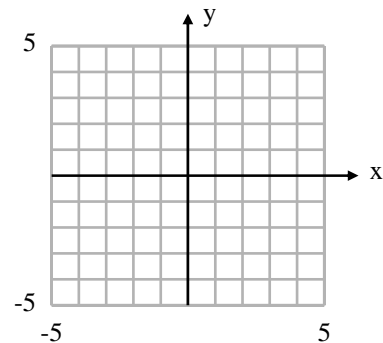
a) From point B to point A , by how much does the y -value change? _____

b) From point B to point A , by how much does the x -value change? _____

c) What is the slope of \overline{AB} ? _____

d) What is the y -intercept of \overline{AB} ? _____

e) What is the equation of the line in standard form ($Ax+By=C$)? _____



6) Use the information in question #5 above. What is the correct equation of the line?

a) $y = x + 2$

b) $y = -2x + 1$

c) $y = -\frac{1}{2}x + 1$

d) $y = 2x + 1$

MATH

Long-term Memory Review

PROFICIENCY PRACTICE: THURSDAY REVIEW

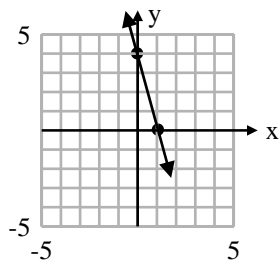
1) What does slope of a line mean to you?

2) How do you find the slope of a line?

3) What is the y-intercept?

4) In the equation $y = -\frac{1}{2}x - 4$: the slope is _____ and the y-intercept is _____

5) Using the following graph:

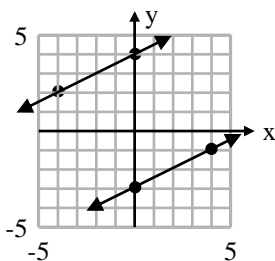


a) What is the slope of the line? _____

b) What is the y-intercept? _____

c) What is the equation of the line: $y = \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$

6) For the lines $y = \frac{1}{2}x - 3$ and $y = \frac{1}{2}x + 4$:



a) What do you notice about the lines?

b) What do you notice about the slope?

c) What conclusion can you make about the slopes of lines that parallel?

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Long-term Memory Review

PROFICIENCY PRACTICE: FRIDAY TEST

1) What does slope of a line mean to you?

2) How do you find the slope of a line?

3) What is the y-intercept?

4) In the equation $y = -\frac{1}{2}x - 4$: the slope is _____ and the y-intercept is _____

5) Identify the slope of the following lines as positive, negative, zero, and no/undefined slope:

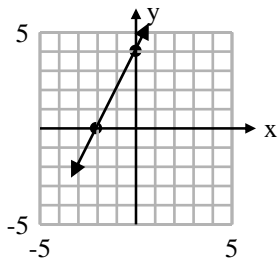








6) What is the slope of the line in the following graph:



a) 3

b) -2

c) $\frac{3}{2}$

d) $\frac{2}{3}$

7) Two lines are parallel if they have the same _____

8) What is the slope of a line that passes through the points (2,4) and (-2,-4).

9) Which of the following is the correct graph of $y = -2x + 3$?

