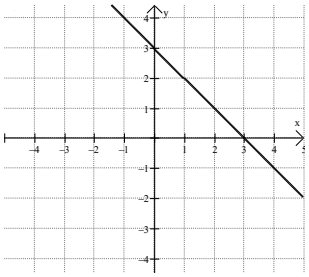
Name:_____Teacher:_____ Date:_____

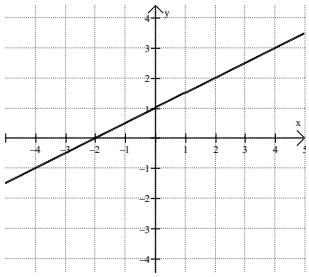
# Find and Use Slopes of Lines

**Exit Slip / Quiz**

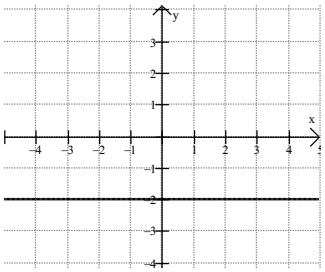
Line A



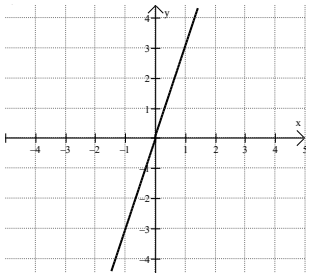
Line B



Line C



Line D



***Use graphs of Lines A-D to answer question 1-6.***

1. Which line(s) have a negative slope? 1. _____

2. Which line has a slope of zero? 2. _____

3. Which line has an y-intercept at (-2, 0)? 3. _____

4. Which line has a slope of ½? 4. _____

5. Which line is the graph of the equation $y = 3x$? 5. _____

6. Which line is the graph of the equation $y = -x + 3$? 6. _____

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***Questions 7- 12 are multiple choice. Please write your answer on the blank on the right side.***

7. The table below represents a linear function. Use the table below to find the slope.

| x | 0 | 2 | 4 |
|---|---|---|---|
| y | 5 | 6 | 7 |

7. _____

A. 0 B. 2 C. $\frac{1}{2}$ D. –2

8. Find the slope of a line that contains the two points. 8. _____

(0, 1) and (1, 3)

A. 2 B. –2 C. $\frac{1}{2}$ D. 4

 

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# Find and Use Slopes of Lines

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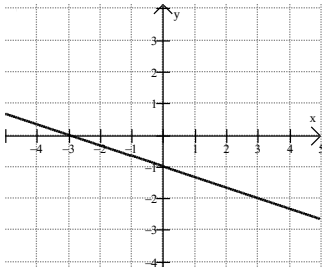
9. Find the slope of a line that contains the two points. 9. _____

(-2, 8) and (1, 2)

A. $\frac{1}{2}$ B. 1 C. $-\frac{1}{2}$ D. 2

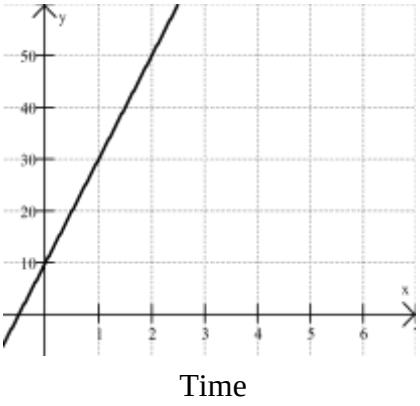
10. What is the slope of the line below?



10. _____

A. –3 B. $-\frac{1}{3}$ C. $\frac{1}{3}$ D. 3

11. The graph for a technician that charges a $10 flat fee plus an hourly rate is shown below. What is the hourly rate charged? 11. _____




A. $12 per hour B. $9 per hour C. $5 per hour D. $20 per hour

12. The equation of a line is given below. Based on the equation, what is the **slope** of the line? 12. _____

$y = 3x + 1$

A. 3 B. –3 C. 1 D. –1