## SIOPE QUIZ

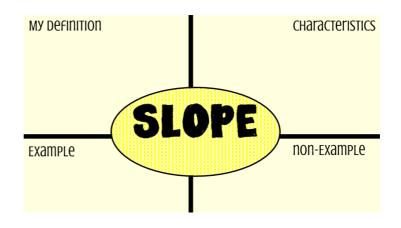
## agenda

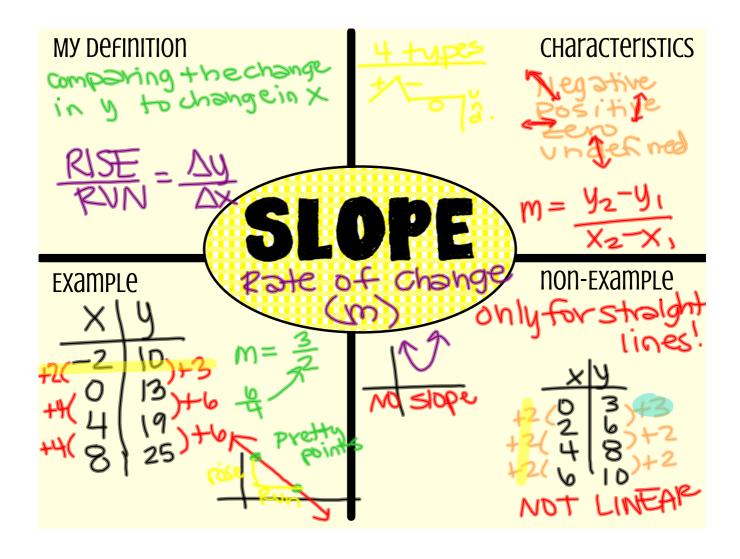
SIOPE BOOK

hw check and turn in

Quiz · good

# get out your homework and stope book quickly





#### Answers:

- 1.  $-\frac{1}{3}$
- 2. Undefined
- 3.  $\frac{1}{2}$
- 4.  $\frac{50}{37}$
- 5. 16 17
- 6. 0
- 7. r=1
- 8. r=3
- 9. -2
  - 10.  $\frac{7}{3}$

11. Independent: boxes sold

Dependent: profit

m = \$2

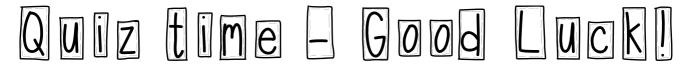
Slope represents a profit of \$2 that was made for every box sold

Independent: time (days)Dependent: height (cm)

$$m = \frac{1}{2}am$$

A plant grows 1 cm every 2 day

13. 13 states



#### Turn in your homework when you turn in your quiz!! Don't forget!

### BONUS QUESTIONS

B1. Staci hikes at an average rate of 4 miles per hour. The function representing this situation is m=4h, where m represents the number of miles she hikes and h represents the number of hours she hikes. State the dependent variable.

- A. Average speed during hiking
- B. Number of miles she hikes
- C. Number of hours she hikes
- D. The shoes she wears while hiking

## Put your answer by your name (please make it clear what your answer is)

B2. The cost for copying a document is a function of the number of pages in the document. In this situation, what is the dependent variable?

- A The cost
- B The number of pages
- C The document
- D The function