## Are You Smarter Than A 5 ${ }^{\text {th }}$ Grader?

Make sure you show all of your work!



## Chapter 5 Vocab



## Across

1. A pattern of numbers
2. Another word for the slope for direct variation
3. An equation that describes a situation
4. 


13. A set of ordered pairs
14. What kind of variation?

| $x$ | 5 | 6 | 7 |
| :---: | :---: | :---: | :---: |
| $y$ | 55 | 66 | 77 |

15. Buying textbooks is an example of $\qquad$ data
16. Time is an example of $\qquad$ data
17. Test to tell if this graph is a function


## Down

2. 


3. Another name for the $x$-values
4. Another name for the $y$-values
6. What kind of variation?

| $x$ | 3 | 6 | 12 |
| :---: | :---: | :---: | :---: |
| $y$ | 16 | 8 | 4 |

7. Every value in the domain has only one matching range value.
8. 


11.

12. What kind of diagram?

directvariation / As x increases y increases
inversevariation / As x increases y decreases
verticallinetest / A test to check if a relation is a function
continuous / Data where the numbers in between two values have meaning
discrete / Kind of data that refers to buying tickets
sequence / a number pattern
relation / a set of ordered pairs
function / every value in the domain has only one matching range value functionrule / an equation that describes a situation
domain / another name for the x-values
range / another name for the $y$-values
mapping / kind of diagram used to determine whether a set of coordinates is a function constantofvariation / another word for the slope quadratic / x2
exponential / exponential
absolutevalue / v-shape graph
linear / line graph

