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## Across

2. point in which a graphed line crosses the $x$-axis
3. set of all input values in a relationship
4. 400 in the term $400 x$
5. also called power or index; multiplies a \# by itself
6. $x$ in the term $90 x$
7. graph of isolated points
8. average of a data set
9. \# in a data set that occurs most often
10. scatter plot of the independent variable on the $x$-axis and the residuals on the $y$-axis
11. Polynomial with 2 terms; $5 x-1$
12. word describing a triangle in which two sides are 8 cm and one side is 5 cm
13. word describing a triangle in which each side is a different length
14. sequence such as $3,6,9,12 \ldots$.
15. Polynomial with 1 term
16. move all points 4 units left, then 5 units up
17. data value that is significantly greater or lesser than other data values in a data set
18. Terms whose variables are the same
19. square of the long side of a triangle=sum of squares on the other two sides

## Down

1. mapping between set of input values called the domain and a set of output values called the range
2. point in which a graphed line crosses the $y$-axis
3. letter $m$ in the equation $y=m x+b$
4. polynomial function of degree zero or one
5. general term for four specific ways to manipulate the shape of a point, a line, or shape
6. point that is EXACTLY halfway between two given points
7. vertical axis on a graph
8. sequence such as $4,16,64,256$...
9. method of displaying data that uses the five number summary
10. term used to describe figures having the same size and shape
11. word describing a triangle in which all sides are 9 cm
12. original figure in a transformation
13. the middle value of a data set
14. horizontal axis on a graph
15. difference between largest and smallest values of a data set
