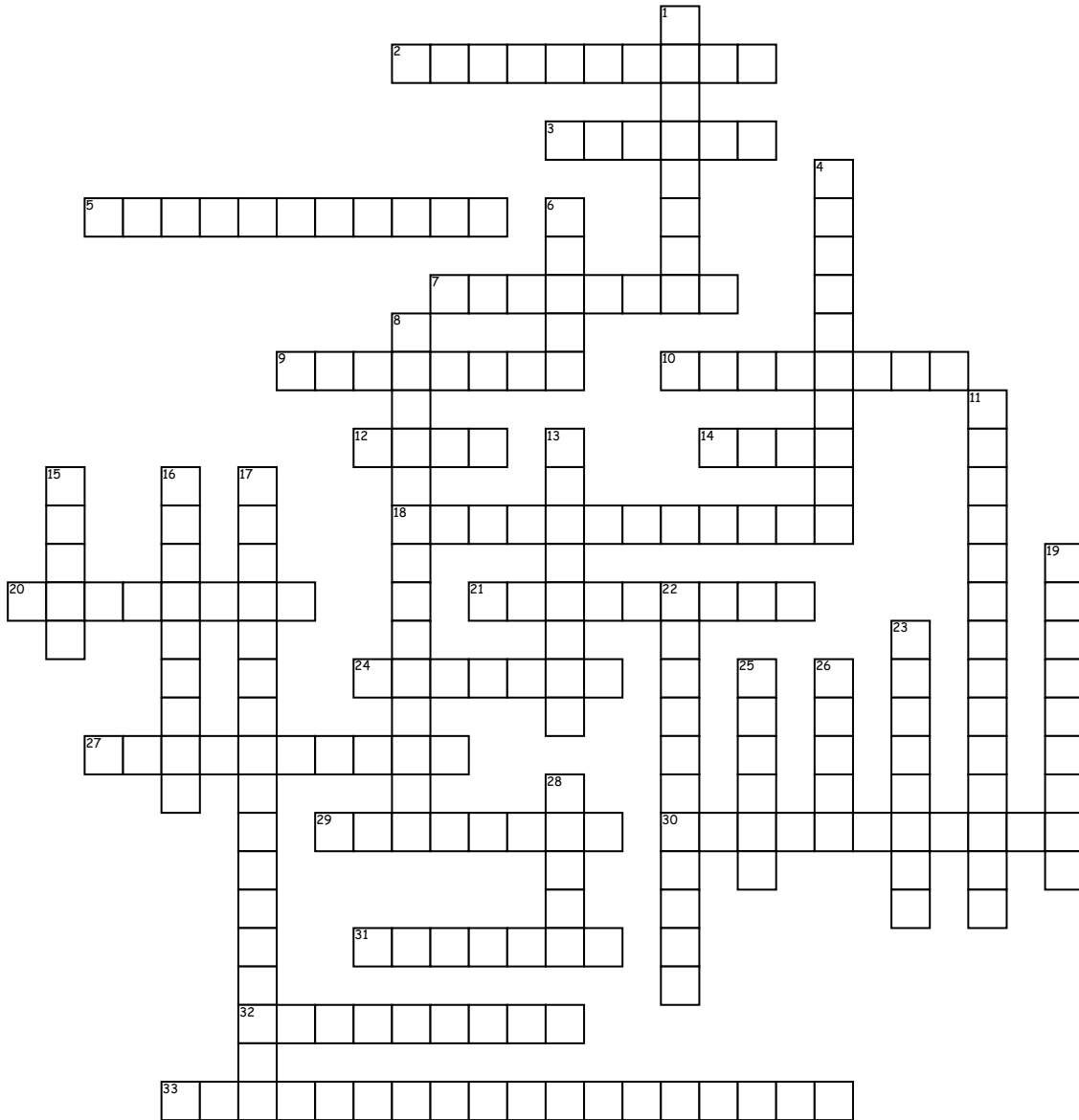


Date: _____

Coordinate Algebra Is So Fun :) I LOVE IT 🏴‍☠️ ☮️ ☯️ ♠️ Ω ♠️ ♣️ ♣️ ♥️ ❤️ ♦️ ♦️ 👑 👑 👑 👑 ♣️ 🔥 🌙



Across

2. point in which a graphed line crosses the x-axis
3. set of all input values in a relationship
5. 400 in the term $400x$
7. also called power or index; multiplies a # by itself
9. x in the term $90x$
10. graph of isolated points
12. average of a data set
14. # in a data set that occurs most often
18. scatter plot of the independent variable on the x-axis and the residuals on the y-axis
20. Polynomial with 2 terms; $5x-1$
21. word describing a triangle in which two sides are 8cm and one side is 5cm
24. word describing a triangle in which each side is a different length
27. sequence such as 3, 6, 9, 12...
29. Polynomial with 1 term

- 30. move all points 4 units left, then 5 units up
 - 31. data value that is significantly greater or lesser than other data values in a data set
 - 32. Terms whose variables are the same
 - 33. 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
 - 4. point in which a graphed line crosses the y-axis
 - 6. letter m in the equation $y=mx+b$
 - 8. polynomial function of degree zero or one
 - 11. general term for four specific ways to manipulate the shape of a point, a line, or shape
 - 13. point that is EXACTLY halfway between two given points

- 15. vertical axis on a graph
- 16. sequence such as 4, 16, 64, 256...
- 17. method of displaying data that uses the five number summary
- 19. term used to describe figures having the same size and shape
- 22. word describing a triangle in which all sides are 9cm
- 23. original figure in a transformation
- 25. the middle value of a data set
- 26. horizontal axis on a graph
- 28. difference between largest and smallest values of a data set