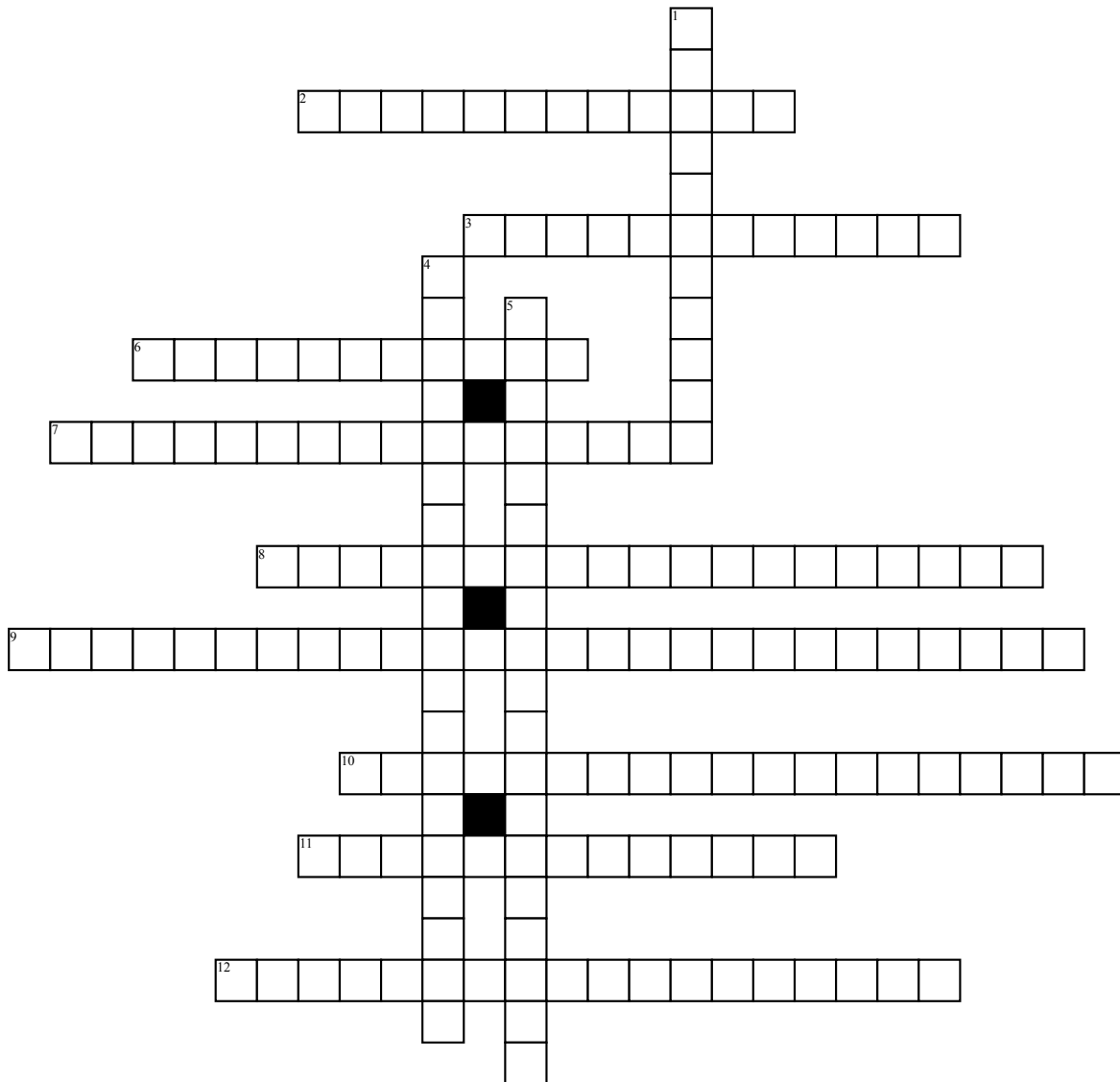


# Stats Crossword



**Across**

- 2. Is a curve that is always on or above the horizontal axis and had an area exactly one under it.
- 3. What measures the direction and strength of the linear relationship between 2 quantitative variables?
- 6. What shows a visual relationship between 2 quantitative variables measured on the same individuals?
- 7. What variable measures an outcome of a study?

- 8. A type of association between two variables that means when one increases, the other one usually decreases.
- 9. Is the distribution that occurs when a normal random variable has a mean of zero and a standard deviation of one.
- 10. The "equal-areas point," the point with half the area under the curve to its left and the remaining half of the area to its right.
- 11. Nearly all of the data will fall within three standard deviations of the mean. It can be broken down into three parts, or percentages.

- 12. A function that represents the distribution of many random variables as a symmetrical bell-shaped graph.

**Down**

- 1. A bell-shaped curve which shows the probability distribution of a continuous random variable.
- 4. What type of variable explains or predicts changes?
- 5. An association between two variables that means when one increases, the other one usually increases also.