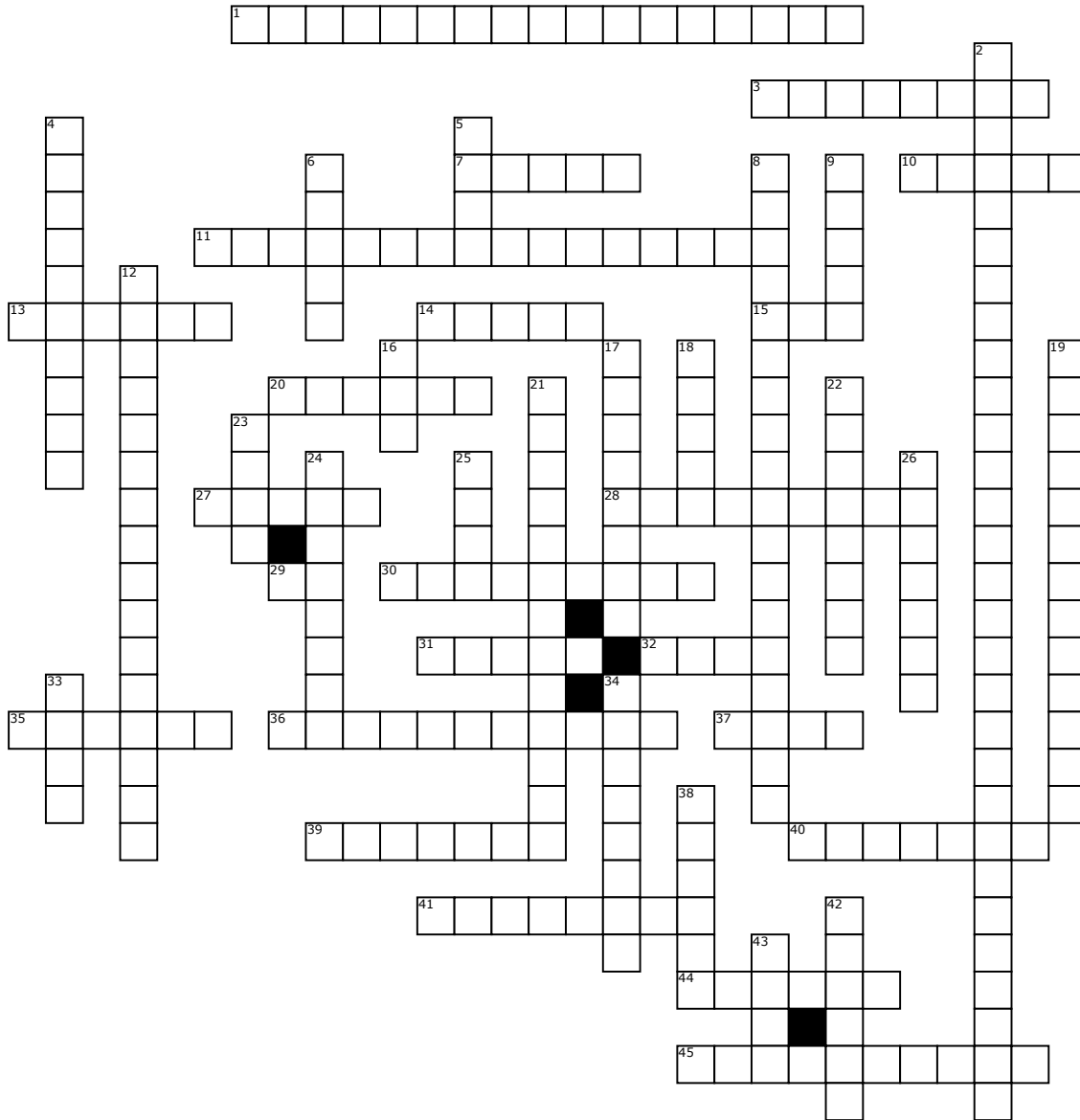


# Vocabulary



**Across**

- 1. If a first event has n outcomes and a second event has m outcomes, then the first event followed by the second event has n times m outcomes.
- 3. A transformation in which a figure is rotated through a given angle, about a point.
- 7. A path of points.
- 10. What is the last name of Justin Bieber's ex girlfriend ?
- 11. A number that cannot be expressed as the ratio of two integers.
- 13. What is the last name of the Canadian singer Shawn \_\_\_\_\_ ?
- 14. A number, or the result of a calculation.
- 15. part of a line, with one endpoint, and extending to infinity in one direction.
- 20. To divide into two congruent parts.
- 27. Jackson Wang and \_\_\_\_\_ are called "Sha Tian brother" in the Running Man
- 28. Addition, subtraction, multiplication, and division are the basic arithmetic operations.
- 29. The ratio of the circumference of a circle to its diameter.
- 30. The number of times a particular item appears in a data set.
- 31. A tool used to rule straight lines and measure distances.
- 32. How big something is.

- 35. Numbers we can multiply together to get another number
  - 36. The bottom part of a fraction.
  - 37. The additive identity; the number that, when added to another number n, gives n.
  - 39. When both sides have the same quantity or mass.
  - 40. Not equal.
  - 41. One of the quarters of the plane of the Cartesian coordinate system
  - 44. The distance from top to bottom.
  - 45. A device for measuring angles.
- Down**
- 2.  $a + b = b + a$ .
  - 4. A three-dimensional solid that is bounded by plane polygons.
  - 5. A drawing of something as viewed from above.
  - 6. A diagram of values, usually shown as lines.
  - 8. The difference between an approximate measurement and the actual measure taken.
  - 9. Can you hear the people sing, singing the song of \_\_\_\_\_ men.
  - 12. The number zero is called the additive identity because the sum of zero and any number is that number.
  - 16. A well-defined group of objects.
  - 17. The middle of. The point halfway along.
  - 18. What's the word for "lipstick" in French ?

- 19. What is the operatic movie we appreciate in Serena's class ?
- 21. The distance of a number from zero; the positive value of a number.
- 22. A limitless quantity.
- 23. The song "I'm so tired ..." is produced by \_\_\_\_\_ and Troye Sivan.
- 24. A letter used to represent a number value in an expression or an equation.
- 25. A type of average; the number (or numbers) that occurs most frequently in a set of data.
- 26. Opposite. -5 is the additive inverse of 5, because their sum is zero. 1/3 is the multiplicative inverse of 3, because their product is 1.
- 33. Which artist Uniqlo recently cooperate with ?
- 34. Where did the newly episode of "Escape the chamber" took place
- 38. What is the name of the watch brand Alice and Vivian both have ?
- 42. A three-dimensional figure with all points in space a fixed distance from a given point, called the center.
- 43. Which make up brand has the same name with one of the student in G8 ?