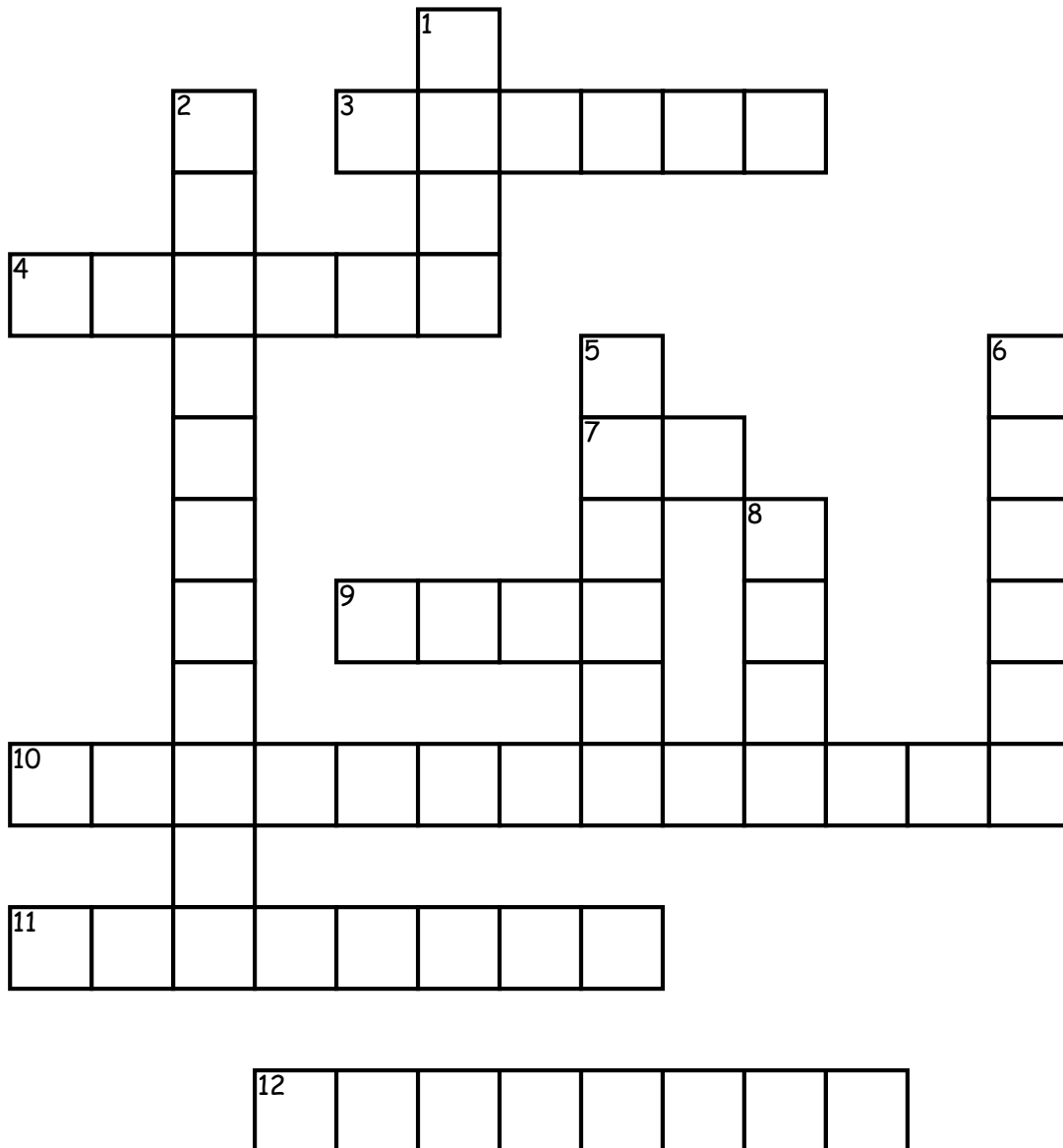


# A Three-Dimensional Figure



## Across

- 3.** a segment from the center of a circle to a point on the circle
- 4.** a two-dimensional figure in which every point is the same distance from a point called the center
- 7.** the mathematical name for the ratio of a circle's circumference to its diameter
- 9.** a three-dimensional shape with a circular base and a vertex opposite the base

- 10.** the distance around a circle

- 11.** a segment that goes from one point on a circle through the center of the circle to another point on the circle

- 12.** a three-dimensional shape with two opposite faces that are congruent circles

## Down

- 1.** a flat two-dimensional surface of a three dimensional shape

- 2.** the area required to cover a three -dimensional shape

- 5.** a three-dimensional shape whose surface consists of all the points that are a given distance from the center of the shape

- 6.** the amount of space occupied by, or the capacity of, a three-dimensional shape

- 8.** the face of a three-dimensional shape chosen to be the "bottom" face