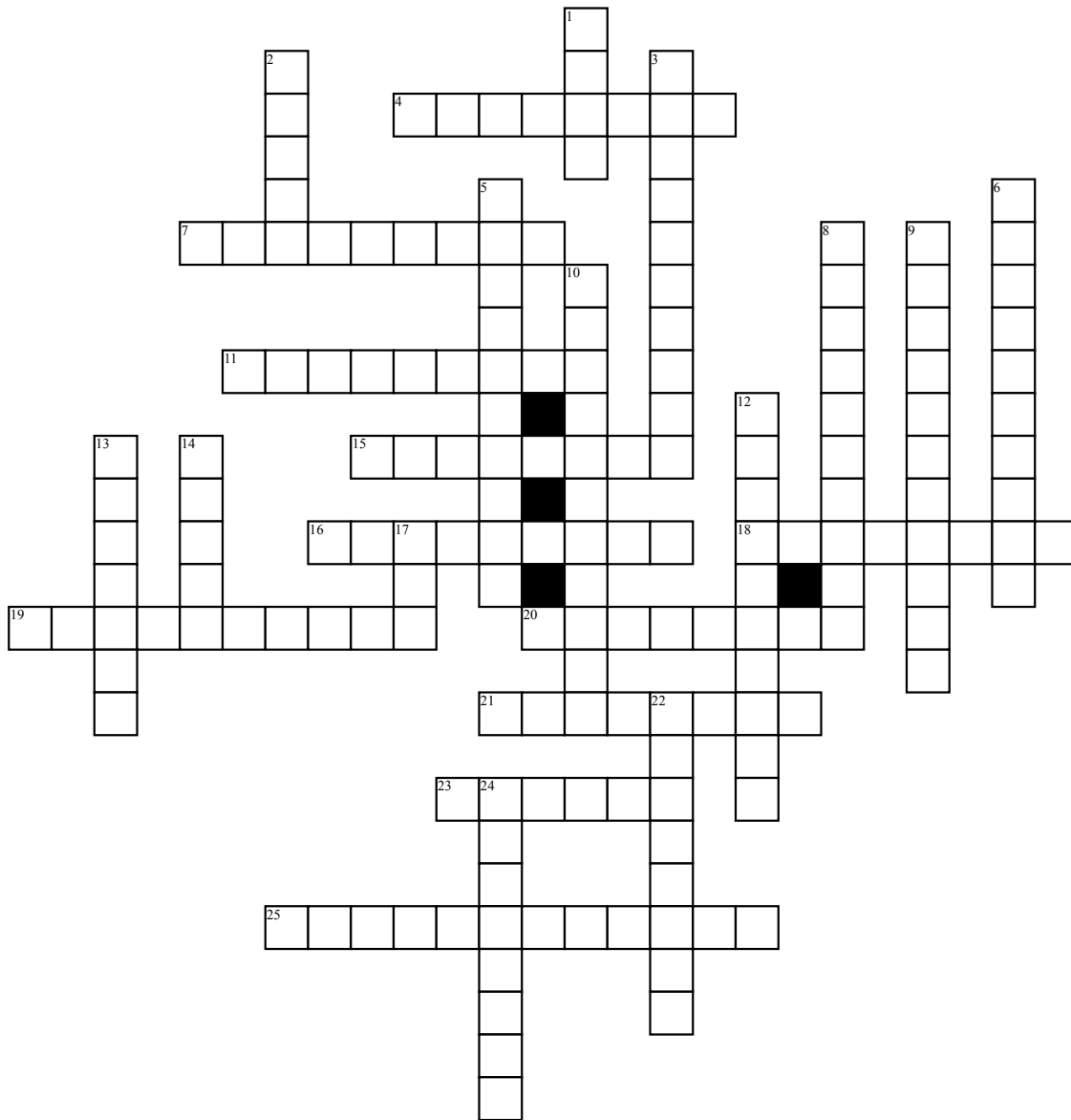


# Math Criss-Cross Puzzle



**Across**

- 4. Domain of a(n) \_\_\_\_\_ is the set of all input values for a function.
- 7. The line through the focus and perpendicular to the directrix of a conic is called a(n) \_\_\_\_\_.
- 11. Point where a curve crosses the x-, y-, or z-axis in a graph is called the \_\_\_\_\_.
- 15. A(n) \_\_\_\_\_ angle is an angle formed by two intersecting planes.
- 16. \_\_\_\_\_ reasoning is the process of using general information to prove specific hypothesis.
- 18. A statement of equality between two expressions.
- 19. The "if" portion of a conditional statement is called a(n) \_\_\_\_\_.
- 20. The amount of time required for half of a radioactive substance to decay is called a(n) \_\_\_\_\_.

- 21. Equal \_\_\_\_\_ have the same order and equal corresponding elements.
  - 23. unit of measurement for angles or arcs, equal to 1/360 of a complete revolution is called a(n) \_\_\_\_\_.
  - 25. A(n) \_\_\_\_\_ is a nonnegative number that specifies how off-center the focus of a conic is.
- Down**
- 1. Facts collected for statistical purposes is called \_\_\_\_\_.
  - 2. A(n) \_\_\_\_\_ is a degree 3 polynomial function.
  - 3. A \_\_\_\_\_ translation is a shift of a graph to the left or right.
  - 5. A(n) \_\_\_\_\_ identity is an identity involving a trigonometric function of u-v.
  - 6. Domain of a(n) \_\_\_\_\_ is the set of all real numbers for which an expression is defined.
  - 8. Side opposite the right angle in a right triangle is called the \_\_\_\_\_.

- 9. A(n) \_\_\_\_\_ is a statement created by combining two statements using the connective.
- 10. A(n) \_\_\_\_\_ is a number calculated using the minors of a square matrix.
- 12. A controlled study in which one or more treatments are imposed is called a(n) \_\_\_\_\_.
- 13. The \_\_\_\_\_ is a set of all points in the plane such that the sum of the distances from a pair of fixed points is a constant.
- 14. A subset of a sample space is called a(n) \_\_\_\_\_.
- 17. \_\_\_\_\_ measure is a measure of an angle in degrees, minutes, and seconds.
- 22. An equation that is always true throughout its domain is called \_\_\_\_\_.
- 24. An \_\_\_\_\_ is a set with no elements.