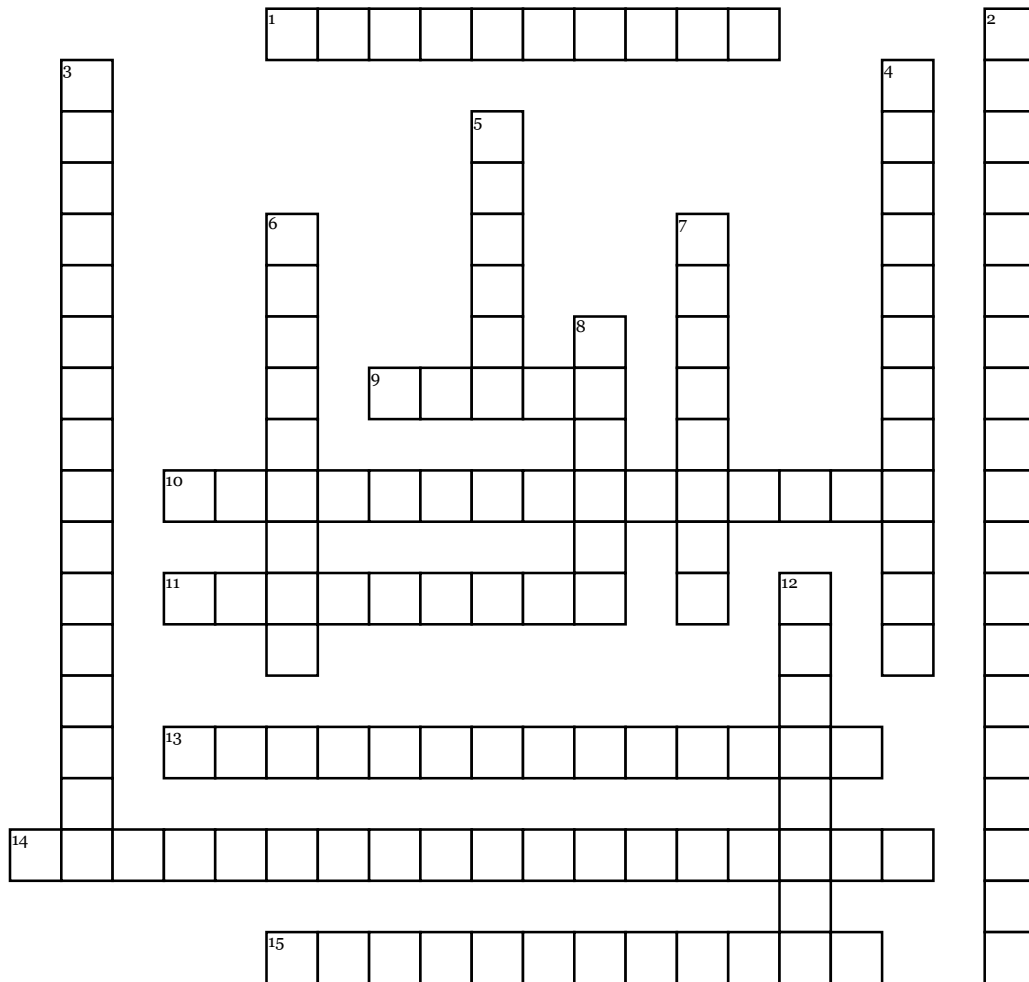


# Pre-Calculus Math Terms



**Across**

**1.** a circle that has a radius of one unit

**9.** the set of all possible output values which result from using a particular function.

**10.** (2 words) angles that look the same in their final position but differ in the number of full rotations that were completed

**11.** The length of the adjacent side divided by the length of the side opposite the angle

**13.** (2 words) Polynomial in the numerator is a higher degree than the polynomial in the denominator.

**14.** ( 2 words) coefficient of the term of highest degree in a given polynomial

**15.** A point at which the graph of a relation or function is not connected

**Down**

**2.** (2 words) a function whose value is a constant raised to the power of the argument.

**3.** (2 words) vertical lines which correspond to the zeroes of the denominator of a rational function

**4.** the study of triangles: their angles, lengths

**5.** The set of all possible input values which produce a valid output from a particular function

**6.** a line that continually approaches a given curve but does not meet it at any finite distance.

**7.** the reciprocal of sine

**8.** the reciprocal of a cosine

**12.** dividing one quantity by another

**Word Bank**

asymptote

coterminal angle

trigonometry

cotangent

exponential function

slant asymptote

range

secant

quotient

domain

Leading coefficient

unit circle

discontinuity

cosecant

vertical asymptote