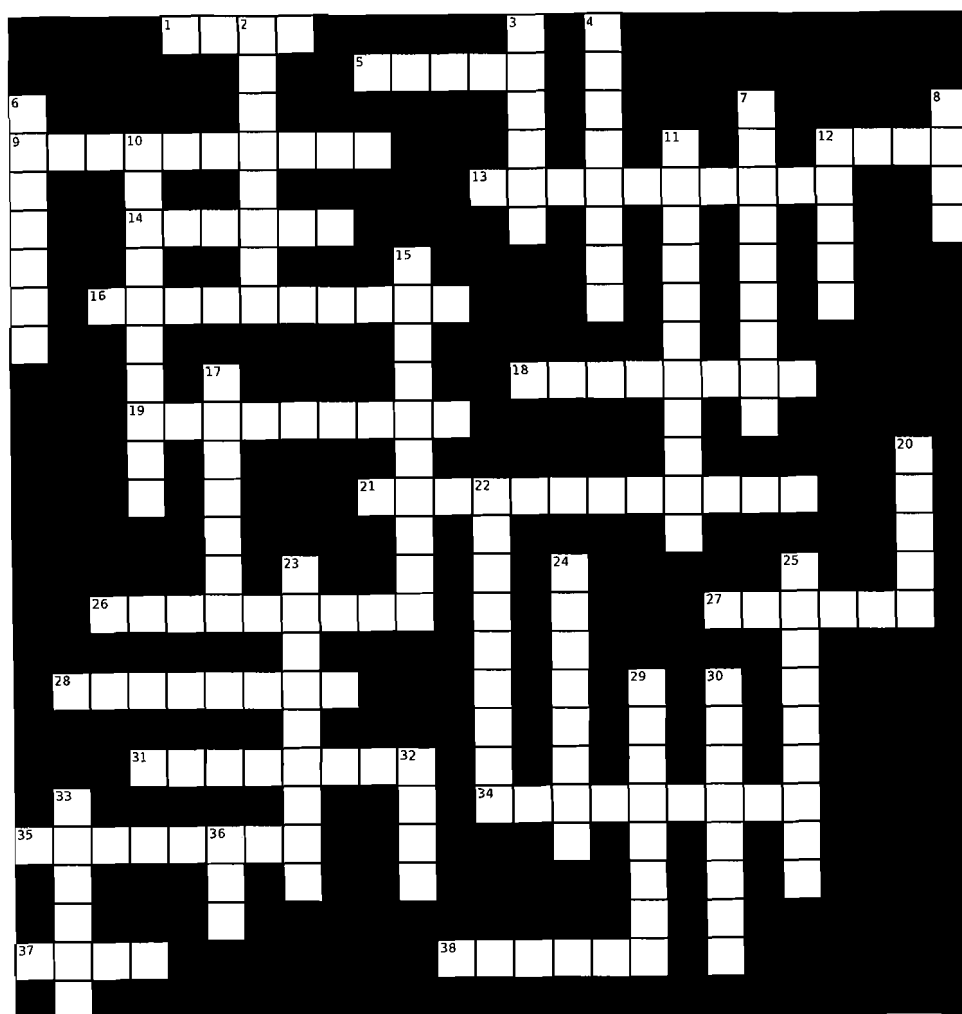


# Precalculus

## Ray Weier



### Across

- 1 Another name for the solution of an equation.
- 5 The common log of 1000.
- 9 The multiplicative inverse.
- 12 The ratio of the opposite leg to the hypotenuse.
- 13 Lines having a slope of zero.
- 14 The ratio of the adjacent leg to the hypotenuse.
- 16 Angle from horizontal down to the line of sight.
- 18 The reciprocal of the sine.
- 19 The square root of a negative number.
- 21  $b^2 - 4(a)(c)$
- 26 Four times three times two times one, for example.
- 27 Has equation  $x^2 + y^2 = r^2$
- 28 The  $n$ th power of  $a$ .
- 31 A two-term algebraic expression.
- 34 Angle from horizontal up to line of sight.
- 35 Has equation  $y = ax^2 + bx + c$
- 37 6 in the term  $6^x$ .
- 38 Set of all the input values of a function.

### Down

- 2 The additive inverse.
- 3 One complete cycle of a trigonometric function
- 4 Lines having no slope.
- 6 Another name for the inverse sine.
- 7 Cofunction of the tangent.
- 8 The natural log of 1.
- 10 A function having a positive slope.
- 11 5 in the term  $5x^2$ .
- 12 The change in  $y$  divided by the change in  $x$ .
- 15 Having the same terminal side.
- 17 The ratio of the opposite leg to the adjacent leg.
- 20 Set of all output values of a function.
- 22  $F(g(x))$ .
- 23 A three-term algebraic expression.
- 24 Lines having equal slopes.
- 25 The reciprocal of the period.
- 29 A set of ordered pairs.
- 30 A letter used to represent a number.
- 32 Has equation  $y = mx + b$
- 33 A radial angle.
- 36 The natural log of  $e$ .