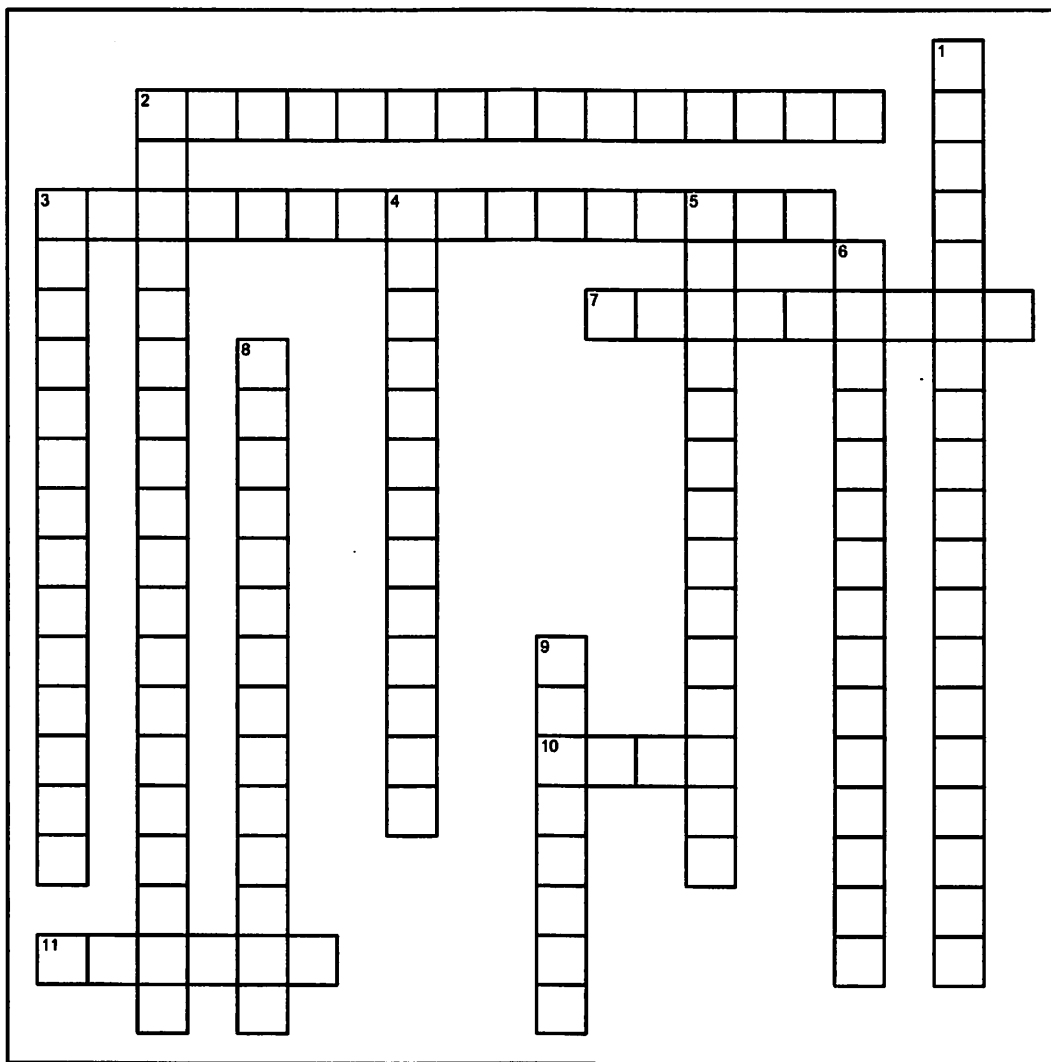


Holt McDougal Algebra 2  
**Chapter 5 Vocab**

**Instructions:** Complete the crossword puzzle. Use the clues to help identify the words.



**Across**

- 2. A plane figure made up of triangles, rectangles, trapezoids, circles, and other simple shapes.
- 3. For a complex number  $a + bi$ , the complex number  $a - bi$ .
- 7. A polynomial with three terms.
- 10. Any value of the variable that makes an equation true.
- 11. The highest or lowest point on a parabola.

**Down**

- 1. A statistical method used to fit a quadratic model to a given data set.
- 2. A process used to form a perfect-square trinomial.
- 3. Values that separate the number line into intervals that either contain solutions or do not contain solutions.
- 4. Any number that can be written as  $a + bi$ , where  $a$  and  $b$  are real numbers and  $i$  is the square root of negative 1.
- 5. A line that divides a plane figure or a graph into two congruent reflected halves.
- 6. The square root of a negative number, written in the form  $bi$ , where  $b$  is a real number and  $i$  is the square root of negative 1.
- 8. A quadratic function used to represent a set of data.
- 9. The shape of a graph of a quadratic function.