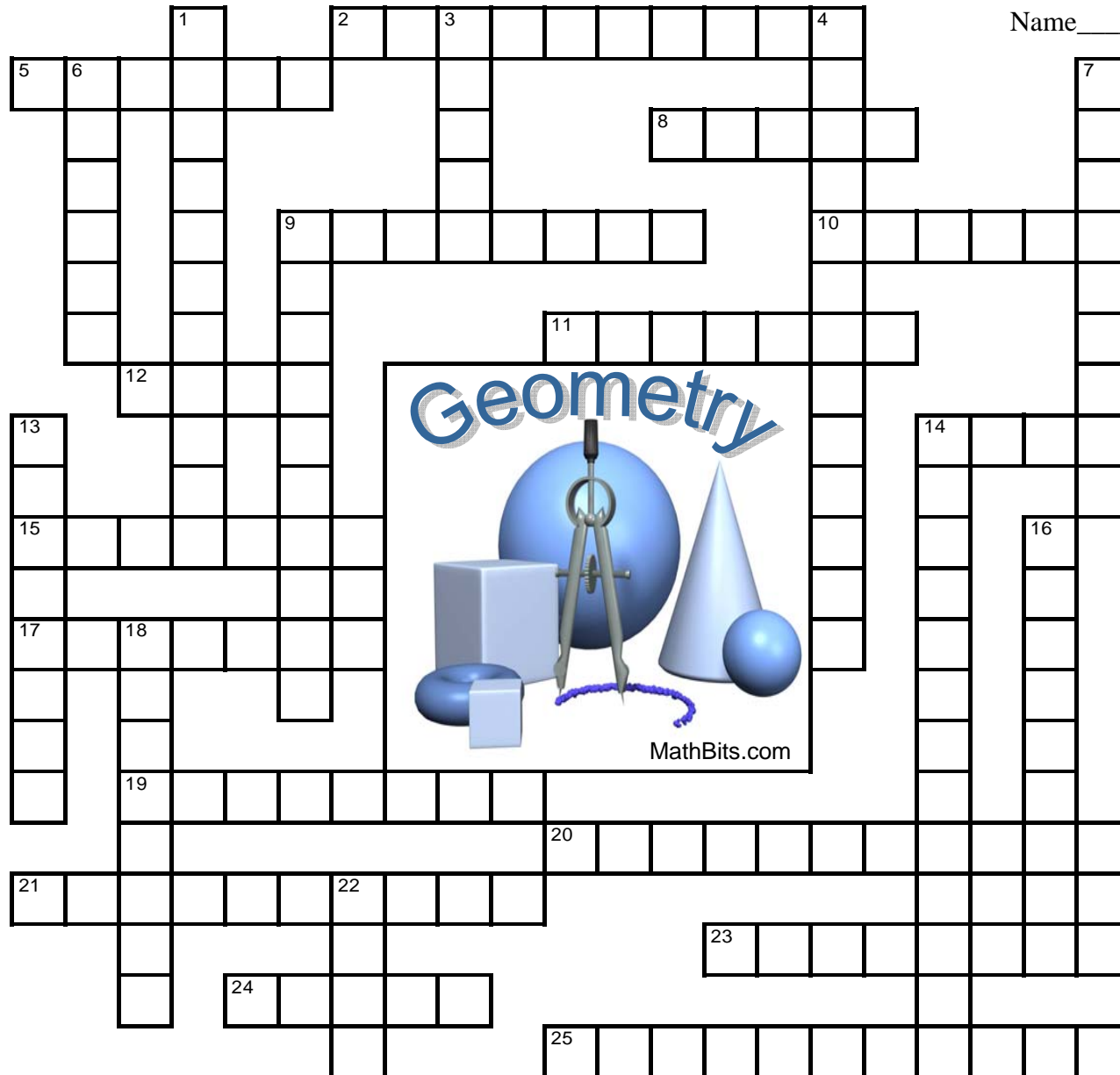


Name \_\_\_\_\_



### Across

- 2 The side of a right triangle opposite the right angle.
- 5 The number of cubic units needed to fill a solid figure.
- 8 An angle whose measure is greater than  $0^\circ$  and less than  $90^\circ$ .
- 9 A chord of a circle which passes through the center of the circle.
- 10 Half of a circle's diameter.
- 11 A closed plane figure formed by three or more line segments.
- 12 A particular side or face of a geometric figure.
- 14 A 3-D geometric shape used to hold a summer treat.
- 15 A polyhedron whose base is a polygon and whose lateral faces are triangles that share a common vertex.
- 17 A triangle with no congruent sides.
- 19 A line segment drawn from a vertex perpendicular to the line containing the opposite side of a triangle.

## Across (continued)

- 20 The \_\_\_ Theorem states that in any right triangle the sum of the squares of the two legs is equal to the square of the hypotenuse.
- 21 A mathematical statement containing one of the symbols  $<$  or  $>$ .
- 23 A 3-D figure with a curved surface and two, parallel congruent circular bases.
- 24 A triangle with one angle of  $90^\circ$
- 25 Having all sides congruent.

## Down

- 1 The sum of the areas of the faces or curved surface of a three-dimensional object.(2 words)
- 3 A three-dimensional figure (solid) that has two congruent and parallel faces that are polygons.
- 4 An angle formed by one side of a polygon and the extension of the adjacent side.(2 words)
- 6 An angle whose measure is greater than  $90^\circ$  and less than  $180^\circ$ .
- 7 A triangle with at least 2 congruent sides.
- 9 Measurements of a figure are also called its \_\_\_.
- 13 The hypotenuse is always \_\_\_ the right angle.
- 14 The distance around a circle.
- 16 To perform the indicated operation(s).
- 18 Next to each other.
- 22 Two sides of a right triangle adjacent to the right angle.

