

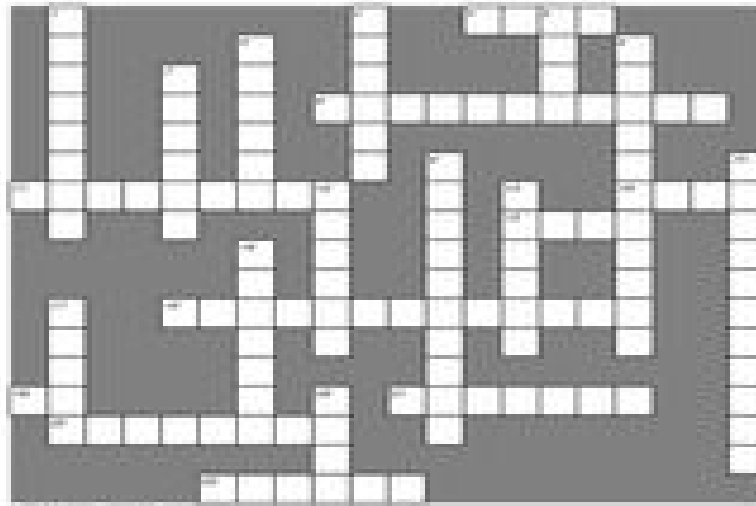
Name \_\_\_\_\_

Class \_\_\_\_\_

Date \_\_\_\_\_

# Geometry Crossword

## *Solids and Formulas*



### ACROSS

- The flat surface of a 3-D shape.
- A solid shape with four triangular faces.
- The formula for this is: add all sides.
- This solid shape has six identical square faces.
- The line which connects two faces of a 3-dimensional object.
- The name for a circle's perimeter.
- An irrational number which is often rounded to 3.14.
- The general name for a two dimensional shape.

- When opened and laid flat, this solid shape consists of a rectangle and two circles.
- How area is measured.

### DOWN

- To find the circumference of a circle, multiply  $\pi$  by this.
- A perfectly round 3-dimensional solid.
- A solid shape with a circular base and one vertex point.
- In the formula  $V = l \times w \times h$ , the letter  $h$  stands for  $?$
- The sum of the areas of all of the faces of a polyhedron. (two word answer)
- The formula for finding this is: length  $\times$  width  $\times$  height.
- The general name for a 3-D shape.
- A solid that is made up of six rectangles, two of which may be squares.
- One-half of a diameter.
- The place where two or more faces on a solid shape intersect.
- This polyhedron consists of four triangles with a square base.
- How volume is measured.
- The formula for this is: length  $\times$  width.