

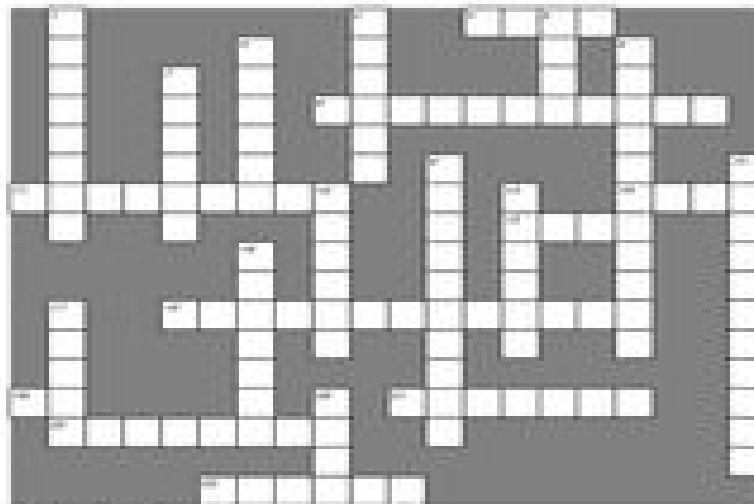
Name \_\_\_\_\_

Class \_\_\_\_\_

Date \_\_\_\_\_

# Geometry Crossword

## *Solids and Formulas*



**ACROSS**

- 3. The flat surface of a 3-D shape.
- 8. A solid shape with four triangular faces.
- 10. The formula for this is  $4a^2$ .
- 14. This solid shape has six identical square faces.
- 15. The line which connects two faces of a 3-dimensional object.
- 18. The name for a circle's perimeter.
- 19. An irrational number which is often rounded to 3.14.
- 20. The general name for a two dimensional shape.

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

**DOWN**

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