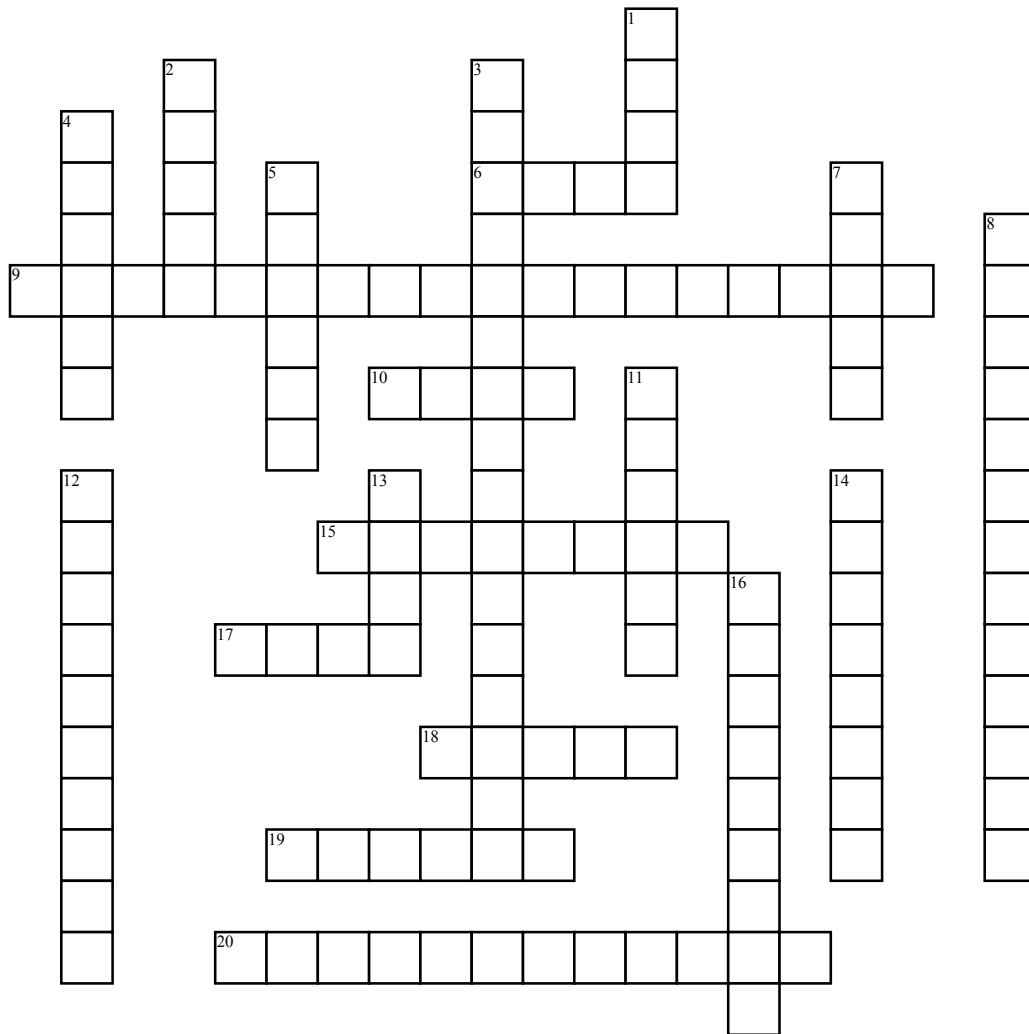Name: _____ Date: _____ Period: _____

volume crossword puzzel

Across

6. solid or hollow object that tapers from a circular base to a point. If the vertex is over the center of the base, it is called a right_____

9. Rectangular base and triangular sides that meet at a common vertex.Is a polyhedron

10. One of the line segments between the faces on a 3D object. a line that joins two vertices

15. The amount that something can hold.measurement can be a gallon, quart, pint, or cup.

17. A plane figure that is one side of a solid figure. each flat surface is called a _____

18. The measurement or extent of something from side to side. How wide an object is

19. The number of cubic units it takes to fill a 3-dimensional figure. the formula is length X width X hight

20. A three-dimensional figure. an example would be a cube

Down

1. A regular solid having six congruent square faces. a 3-dimensional shap

2. The perpendicular measurement from the base to the top of a 3-dimensional figure. the abbreviation in the formula is B

3. A 3-dimensional figure. where all six faces are rectangles.

4. A solid shape that is perfectly round like a ball. No faces, edges, or vertices.

5. Distance between two points. abbreviated in the volume formula as L

7. A solid object with two identical ends and flat sides. The shape of the ends give the _____ a name, such as "triangular _____"

8. length x width x height. The formula you use to find how many cubic units go in to a shape

11. The Point where two angles or three edges meet. The common endpoint

12. A unit used to measure volume. is equal to the volume of a cube, is 1 unit tall, 1 unit wide and 1 unit long

13. The part by which a 3-dimensional figure is measured or named. The bottom part of a 3 dimensional shap

14. a solid with 2 congruent parallel bases that are circles. looks like a can of soup

16. the total distance around the edge of the figure. All the sides of a shape added together

Word Bank

hight	rectangular prism	Face	cube	base
vertex	capacity	cubic units	length	sphere
cylinder	solid figures	edge	cone	volume formula
width	rectangular pyramid	volume	perimeter	prism