Math 2 ADV. Unit 6: Circumference, Area, Volume
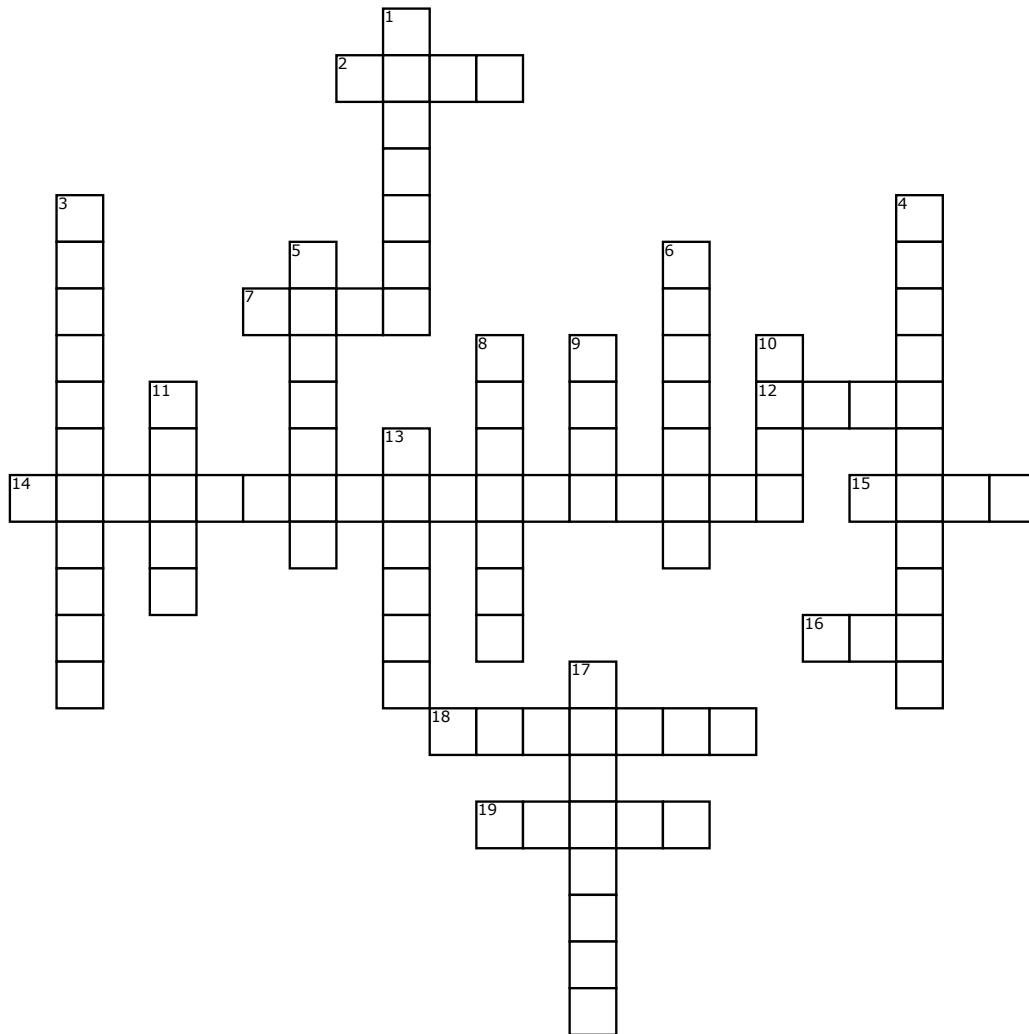

Across

2. The volume of general prisms?

7. The formula for the area of a parallelogram?

12. Circumference of a circle

14. What is a way to represent rate of change?

15. The number of square units needed to cover a given surface is?

16. What is an arrangement of two-dimensional figures that can be folded to form a polyhedron?

18. What is a closed plane figure formed by three or more line segments that intersect only at end points?

19. Formula for a rectangular prism?

Down

1. What is the formula for the area of a triangle?

3. The sum of the areas of the faces, or surfaces, of a three dimensional figure is?

4. What is the formula for the circumference of a circle?

5. The formula for the volume of a sphere

6. A polyhedron with a polygon base and a triangular sides that all meet at a common vertex?

8. What is the formula for the volume of a cube?

9. A number raised to the third power

10. When a number is raised to the hired power the number that is used as a factor is the?

11. A polyhedron that has two congruent, polygon-shaped bases and other faces that are all parallelograms?

13. The numbers cubic units needed to fill a given space is?

17. What is a three dimensional figure with two parallelogram, congruent circular bases connected by a curve lateral?

Word Bank

Derivation/Derive	Surface Area	Prism	A=1\2bh
C=2T r or C=T d	A=T r	Volume	V=IWH
V=4/3 T r	Area	Base	V=Bh
Polygon	A=bh	Pyramid	V=1/3Bh
Cylinder	Cube	Net	