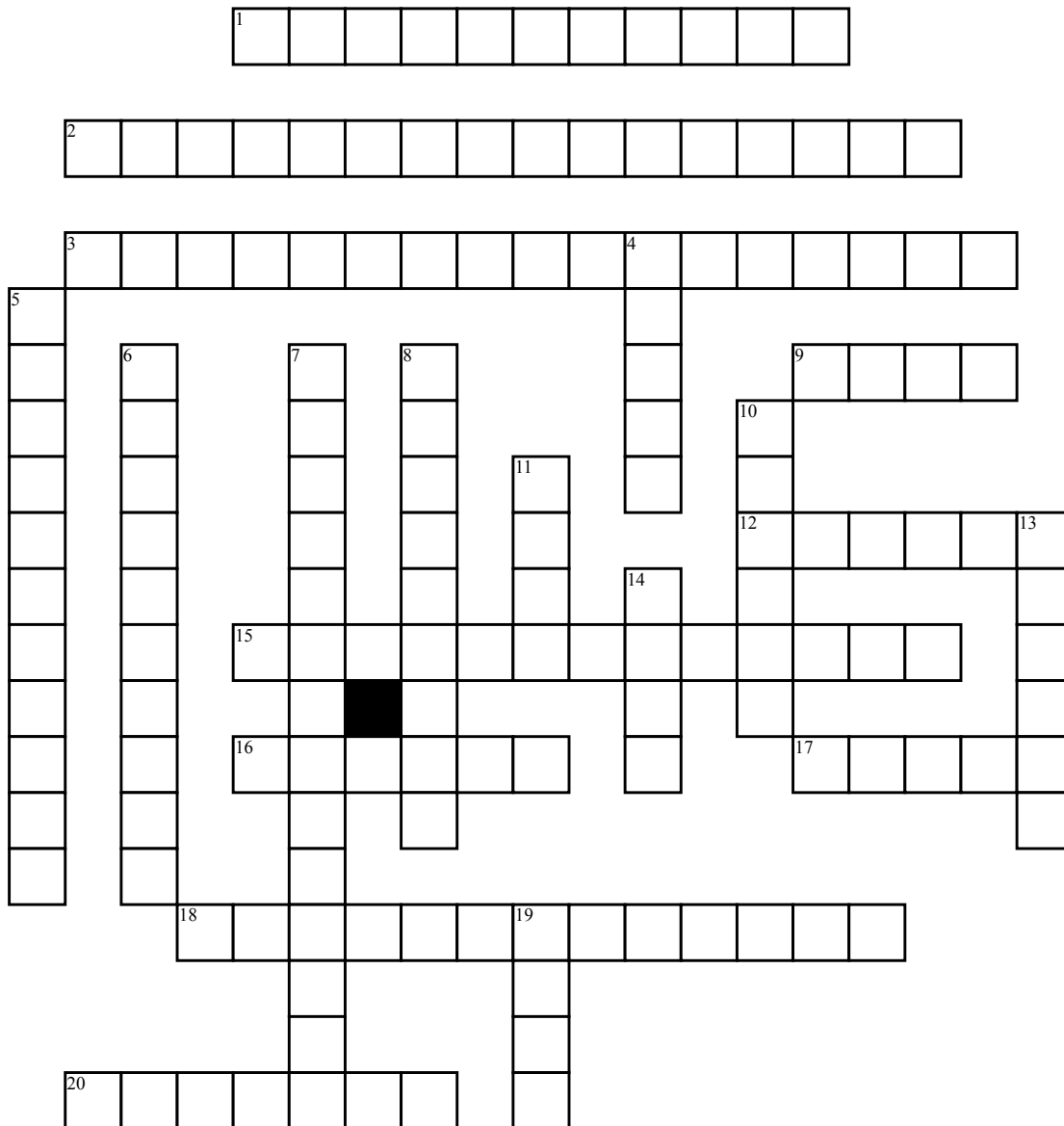


# Trenaty Schwartz Volume



## Across

1. A 3-dimensional figure; it can hold things
2. A 3-dimensional figure in which all six faces are rectangles; has 2 bases and 4 sides.
3. A square base with four triangular faces; adding to a common vertex
9. The bottom part of a 3-dimensional figure; there are usually one or two
12. Distance between two points; from one end to the other
15. Length times width times height; this multiplied together makes up volume
16. A straight line to the circumference of a circle or sphere; starting from the center of the shape

17. Distance between two points; the measurement from one side to the other
18. The enclosing boundary of a curved geometric shape; usually a circle
20. A geometric solid with one base; all faces are triangles with a common vertex

## Down

4. A geometric solid with two bases that are congruent; faces that are congruent to the bases
5. A prism with all faces the same; including the bases
6. All faces are flat; there are no curves
7. Two hexagon as bases; six faces joining them together

8. A unit used to measure volume; aka one cubic cm
10. The measurement of the amount of space; a solid figure occupies the space
11. A rectangular solid; it has six congruent faces
13. The perpendicular measurement from the base to the top; found in a 3-dimensional figure
14. A 3-dimensional figure that has a circle base; it tapers towards the end
19. A plane figure that is on one side of a solid figure; connects with an edge