## Across

- 3. A solid with many flat faces.
- 6. Right prism whose bases are rectangles.
- 7. Solid figure whose points are the same distance from its center.
- 9. A chord that passes through the center of a sphere.
- Segment joining the center to a point on a sphere.
- 13. (Like a right prism except that
- 14. (the bases are congruent circles. (13 is one word, 14 is two words)
- 17. Two \_\_\_\_ lines determine a plane.
- 18. A right prism always has two.
- 20. Rectangular solid with all edges equal.
- 21. The lateral \_\_\_\_ of a pyramid are always triangles.
- 22. Like a pyramid except the base is a circle.
- 24. In a cone the lateral edge and the \_\_\_\_ height

## Down

- 1. A \_\_\_\_ has only one base. Its lateral faces are triangles.
- 2. The \_\_\_\_ of a cube equals 4e<sup>2</sup>.
- 3. Two planes that intersect at right angles are
- 4. The length of an altitude.
- 5. The lateral edges of a pyramid meet at a single point called a \_\_\_\_\_.
- 8. Lateral edges of this figure are rectangles.
- In a right prism, a segment perpendicular to the bases with an endpoint in each base is a
- 12. The amount of space in a solid.
- The intersection of a solid with a plane is a
- 16. A \_\_\_\_\_ pyramid has a \_\_\_\_ polygon for a base and has congruent lateral edges.
- 19. Lines can be intersecting, parallel, or skew. Planes cannot be \_\_\_\_\_.

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