**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date**  **\_\_\_\_\_\_**

**Solid Figures Pre-Assessment**

**Focus: Review**

1. What is a solid figure?

a. A two-dimensional shape with no thickness.

b. A three-dimensional figure with length, width, and thickness.

c. A three-dimensional figure with no thickness.

2. Draw a line to match the solid figures with their proper names.



                                                                                     Cylinder

  Sphere

  Rectangular Prisim

                                                                                     Cone

                                                                                      Cube

3. A cube has…

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

           Faces                                      Edges                             Vertices

4. Look the solid figure below.  Circle the plane shapes that make up this solid figure.

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|  | http://studentweb2.reinhardt.edu/psoe/chastain56338/CapstonePresentation/LessonPlans/Plane_Shapes_And_Solid_Figures_Unit_Overview_Mallory_L_Chastain_Unit_Overview_and_Daily_Lesson_Plans_Included_files/image095.gif |

**Focus: Combine Solid Figures**

5. True or false.  We can combine solid figures to make different solid objects.

                                      True                      False

6. Circle the solid figures below that can be stacked.

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|  | http://studentweb2.reinhardt.edu/psoe/chastain56338/CapstonePresentation/LessonPlans/Plane_Shapes_And_Solid_Figures_Unit_Overview_Mallory_L_Chastain_Unit_Overview_and_Daily_Lesson_Plans_Included_files/image096.gif |

7. Which solid figures could not be easily stacked on top of each other?

a. A rectangular prism and a cube.

b. A cylinder and a cube.

c. A sphere and a cone.

8. Look at the solid object below.  Circle the solid figures that make up this different solid object.

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|  | http://studentweb2.reinhardt.edu/psoe/chastain56338/CapstonePresentation/LessonPlans/Plane_Shapes_And_Solid_Figures_Unit_Overview_Mallory_L_Chastain_Unit_Overview_and_Daily_Lesson_Plans_Included_files/image098.gif |