Name _____

Three-Dimensional Figures

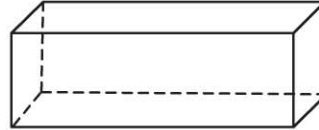**Classify the solid figure. Write** *prism, pyramid, cone, cylinder,* **or** *sphere.*

1.
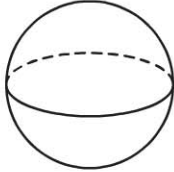
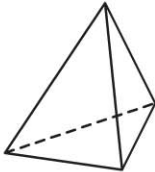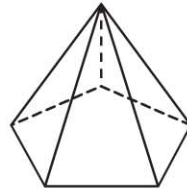There are no bases. There is 1 curved surface. It is a

sphere

_____.

2.

_____

3.

_____
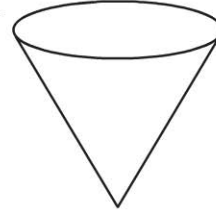
Name the solid figure.
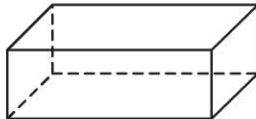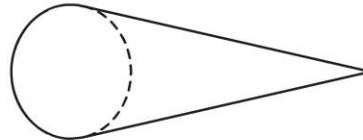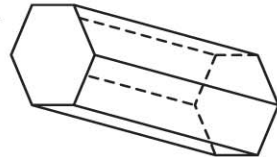
4.

_____

5.

_____

6.

_____

7.

_____

8.

_____

9.

_____

Problem Solving REAL WORLD

10. Darrien is making a solid figure out of folded paper. His solid figure has six congruent faces that are all squares. What solid figure did Darrien make?

_____

11. Nanako said she drew a square pyramid and that all of the faces are triangles. Is this possible? **Explain.**

_____

Lesson Check (CC.5.MD.3)

1. Luke made a model of a solid figure with 1 circular base and 1 curved surface. What solid figure did he make?

Ⓐ cone

Ⓑ cylinder

Ⓒ sphere

Ⓓ triangular pyramid

2. Which of the following does NOT have any rectangular faces?

Ⓐ pentagonal prism

Ⓑ hexagonal pyramid

Ⓒ rectangular prism

Ⓓ square pyramid

Spiral Review (CC.5.NF.1, CC.5.MD.1, CC.5.G.3, CC.5.G.4)

3. Without measuring, how can you determine whether two sides of a polygon are congruent? **(Lesson 11.4)**

Ⓐ If the two sides look congruent, you can assume they are congruent.

Ⓑ Cut out the polygon and fold the two sides onto each other. If the sides match up, you can assume they are congruent.

Ⓒ Cut out the polygon and fold two of the angles onto each other. If the angles match up, you can assume the sides are also congruent.

Ⓓ It is not possible to determine whether two sides of a polygon are congruent without measuring.

4. James has $4\frac{3}{4}$ feet of rope. He plans to cut off $1\frac{1}{2}$ feet from the rope. How much rope will be left? **(Lesson 6.6)**

Ⓐ $\frac{1}{4}$ foot

Ⓑ 3 feet

Ⓒ $3\frac{1}{4}$ feet

Ⓓ $6\frac{1}{2}$ feet

5. Latasha made 128 ounces of punch. How many cups of punch did Latasha make? **(Lesson 10.2)**

Ⓐ 4 cups

Ⓑ 8 cups

Ⓒ 16 cups

Ⓓ 32 cups

6. Which of the following statements is NOT true? **(Lesson 11.3)**

Ⓐ Some quadrilaterals are squares.

Ⓑ All rhombuses are quadrilaterals.

Ⓒ All squares are rectangles.

Ⓓ Some trapezoids are parallelograms.