Name _____ Date _____

Extension
Lesson 1

Two- and Three-Dimensional Figures

Choose one of the figures to answer the riddle.

cube	pyramid	rectangular prism	sphere

1. I am the shape of a baseball and a basketball, but not a football. What figure am I? _____

2. From the top, I look like this [ ].

From the side, I look like this [ ].
What figure am I? _____

3. I am made with 4 triangles and 1 square. What figure am I? _____

4. If you break me apart, you get 6 squares that are all the same size. What figure am I? _____

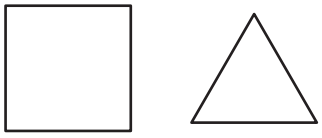
Name _____ Date _____

Extension
Lesson 2

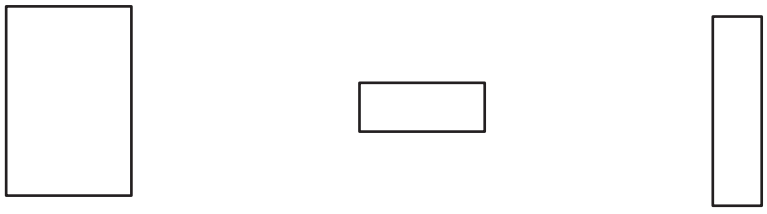
Faces

Draw the missing faces for each figure.

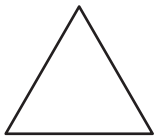
1. square pyramid



2. rectangular prism

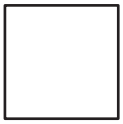


3. triangular pyramid



4. triangular prism

5. cube

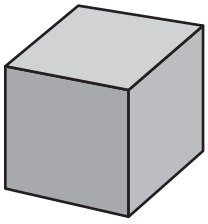


Name _____ Date _____

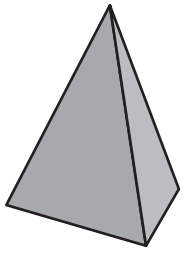
Extension
Lesson 3

Edges

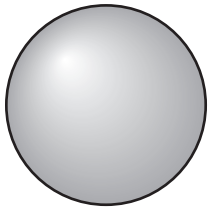
How many of these figures match the sentence?



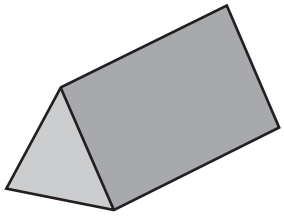
cube



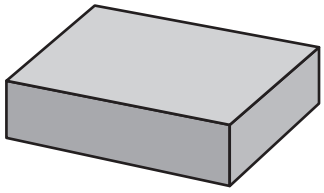
triangular pyramid



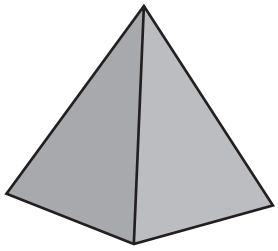
sphere



triangular prism



rectangular prism



square pyramid

1. Three-dimensional figures with at least 1 square face. 2
2. Three-dimensional figures with at least 1 triangle face. _____
3. Three-dimensional figures with no faces. _____
4. Three-dimensional figures with 12 edges. _____
5. Three-dimensional figures with 6 edges. _____
6. Three-dimensional figures with 9 edges. _____
7. Three-dimensional figures with no edges. _____
8. Three-dimensional figures with an even number of edges. _____

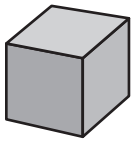
Name _____ Date _____

Extension
Lesson 4

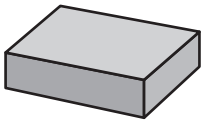
Vertices

How are the two figures alike?

1.



cube



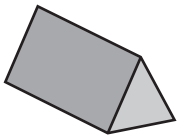
rectangular prism

_____

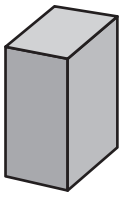
_____

_____

2.



triangular prism



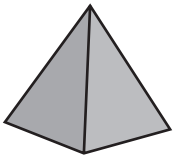
rectangular prism

_____

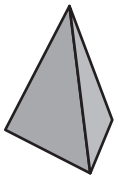
_____

_____

3.



square pyramid



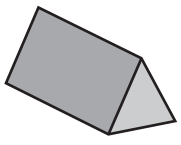
triangular pyramid

_____

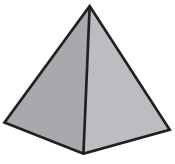
_____

_____

4.



triangular prism



square pyramid

_____

_____

_____

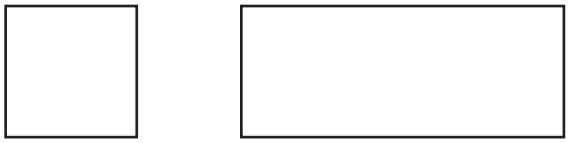
Name _____ Date _____

Extension
Lesson 5

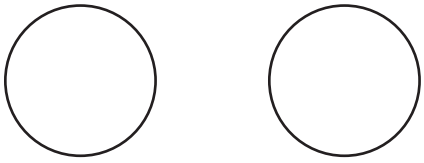
Cylinders and Cones

Solve each problem.

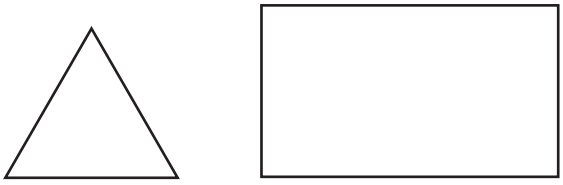
1. Ken makes these footprints from the same figure. What figure is it? _____



2. Bea makes these footprints from two faces of the same figure. What figure is it? _____



3. Kristin makes these footprints from the same figure. What figure is it? _____



4. Suri makes these footprints from two faces of the same figure. What figure is it? _____