Go Math!

John G. Riley Elementary School
Distant Learning Packet
Week 7

Second Grade

Chapter 11:
Geometry and Fraction Concepts
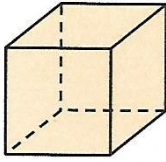
Name: _____
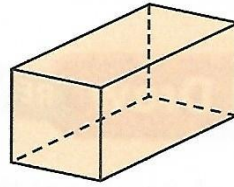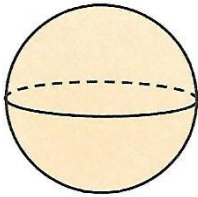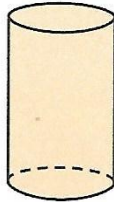
Class: _____

These are three-dimensional shapes.

cube

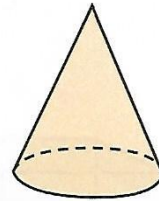**rectangular prism**

sphere

cylinder

cone

Which of these objects has the shape of a cube?

Share and Show Math Board

Circle the objects that match the shape name.

☑ 1. sphere

☑ 2. cube

Name _____

On Your Own

Circle the objects that match the shape name.

3. cylinder

4. rectangular prism
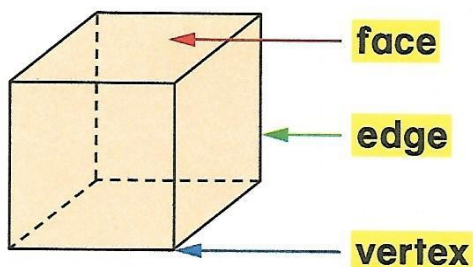
5. cone

6. cube

7. **H.O.T.** Circle the shapes that roll.
Draw an X on the shapes that do not roll.

The **faces** of a cube are squares.

face

edge

vertex

The **vertices** are the corner points of the cube.

Share and Show

Write how many for each.

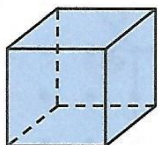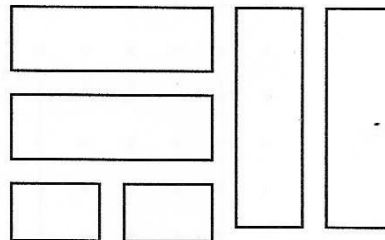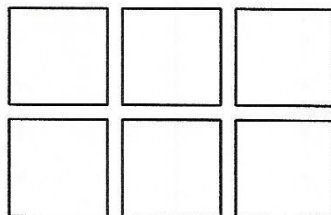|	faces	edges	vertices
☑ 1. rectangular prism	_____	_____	_____
☑ 2. cube	_____	_____	_____

Name _____

On Your Own

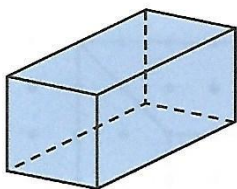Circle the set of shapes that are the faces
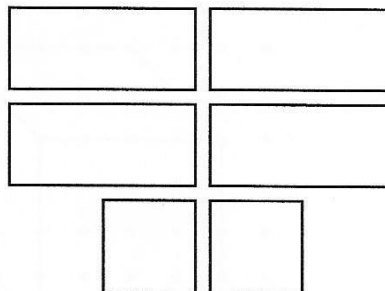of the three-dimensional shape.

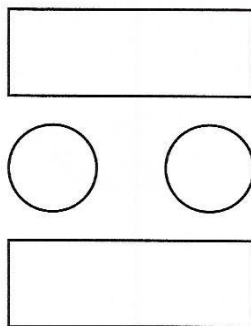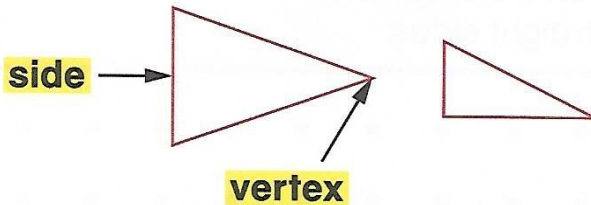**3.**

cube

4.

rectangular prism

5. Look at the faces of the cube and the faces of the
rectangular prism. **Explain** how they are different.

_____

_____

_____

_____

Model and Draw

You can count **sides** and **vertices** to name two-dimensional shapes. Look at how many sides and vertices each shape has.

triangle
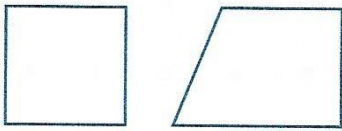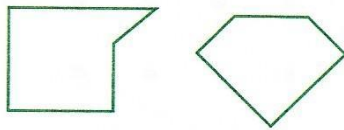
side →

vertex

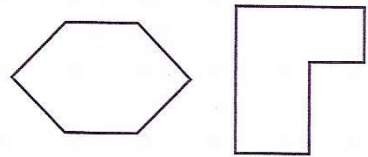_3_ sides

_3_ vertices

quadrilateral	**pentagon**	**hexagon**
_4_ sides	_____ sides	_____ sides
_____ vertices	_____ vertices	_____ vertices

Share and Show

Math Board

Write the number of sides and the number of vertices.

1. triangle
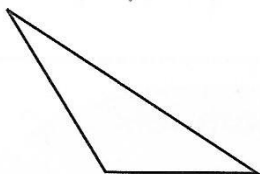
_____ sides
_____ vertices

✓ 2. hexagon
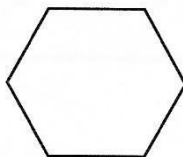
_____ sides
_____ vertices

✓ 3. pentagon
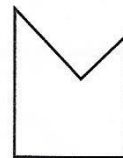
_____ sides
_____ vertices

Name _____

On Your Own

Write the number of sides and the number
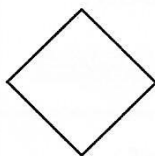of vertices. Then write the name of the shape.

4.
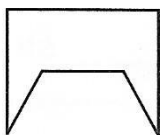
_____ sides
_____ vertices
_____

5.

_____ sides
_____ vertices
_____

6.
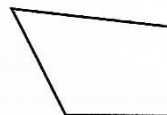
_____ sides
_____ vertices
_____

7.

_____ sides
_____ vertices
_____

8.
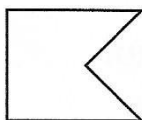
_____ sides
_____ vertices
_____

9.
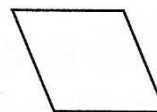
_____ sides
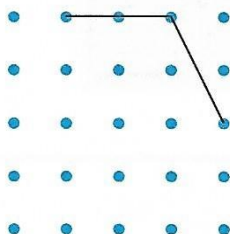_____ vertices
_____

H.O.T. Draw more sides to make the shape.

10. pentagon
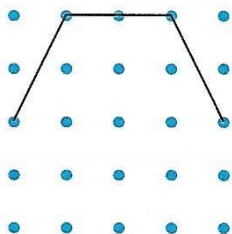
11. quadrilateral

12. hexagon

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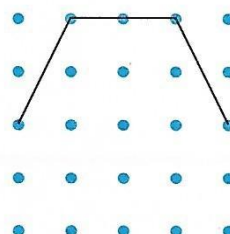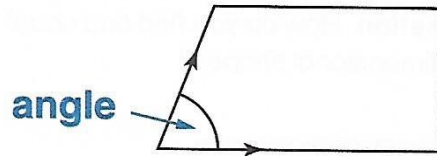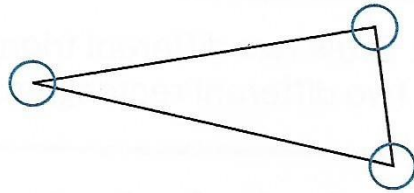
Model and Draw

When two sides of a shape meet, they form an **angle**.

angle →
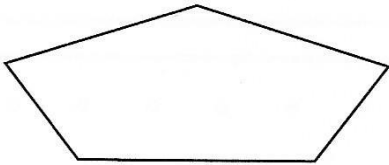
This shape has 3 angles.

Share and Show

Math Board

Circle the angles in each shape.
Write how many.
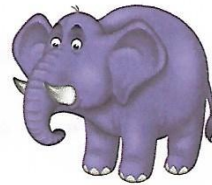
1.

_____ angles

2.

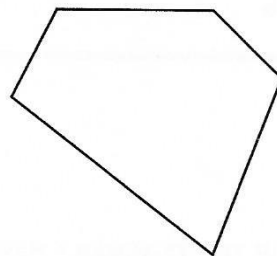_____ angles

3.

_____ angles

4.

_____ angles

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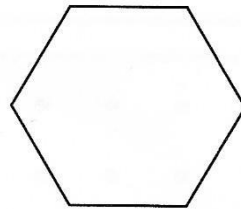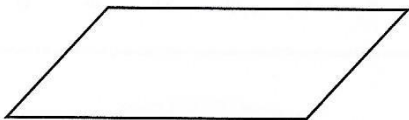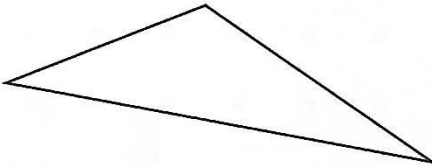
Name _____

On Your Own

Circle the angles in each shape.
Write how many.

5.

_____ angles

6.

_____ angles
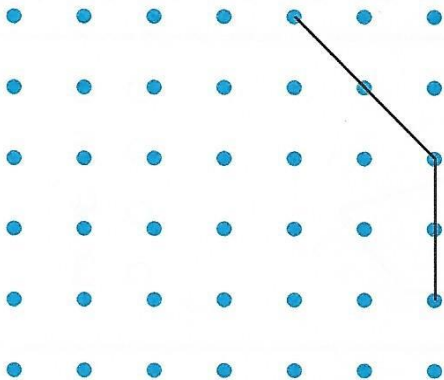
7.

_____ angles
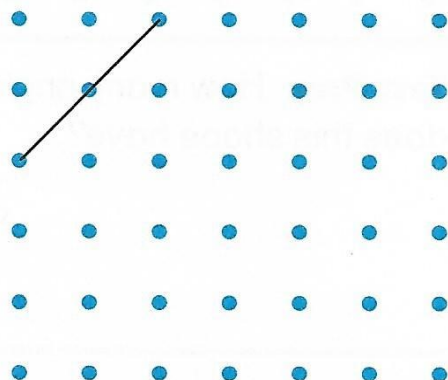
8.
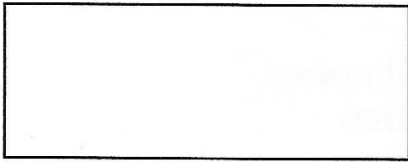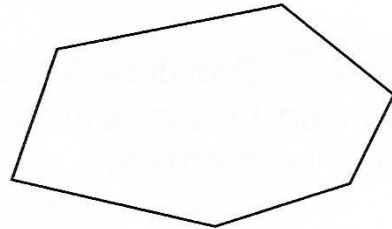
_____ angles

H.O.T. Draw more sides to make the shape.
Write how many angles.

9. pentagon

_____ angles
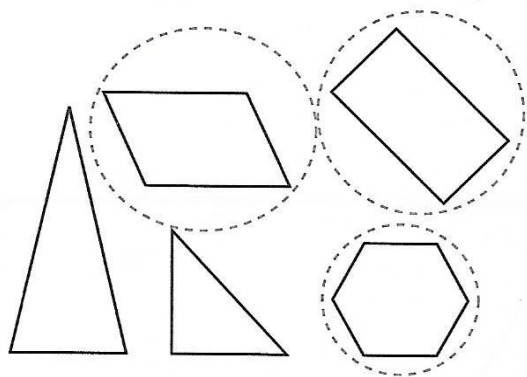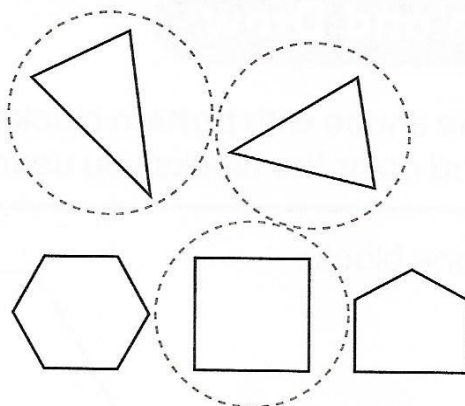
10. quadrilateral

_____ angles

Model and Draw

Which shapes match the rule?

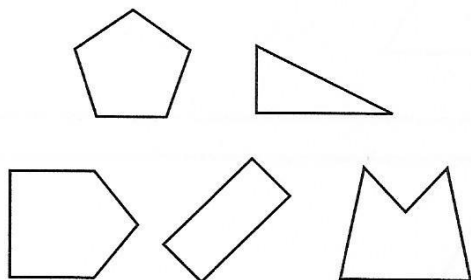Shapes with more
than 3 sides

Shapes with fewer
than 5 angles
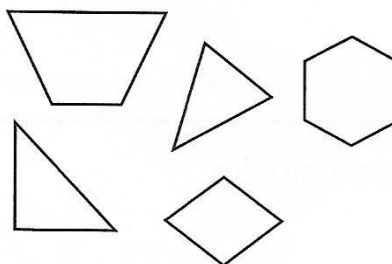
Share and Show

Math Board
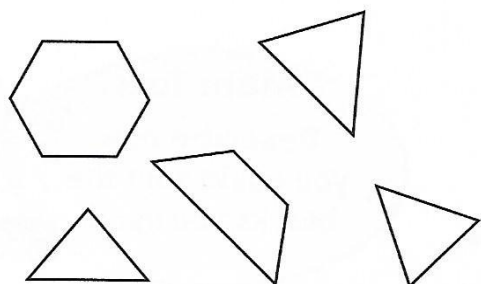
Circle the shapes that match the rule.
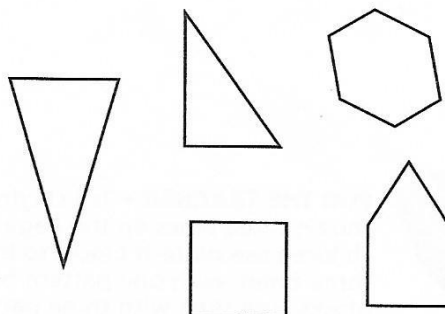
1. Shapes with 5 sides

2. Shapes with more than 3 angles

✓3. Shapes with fewer
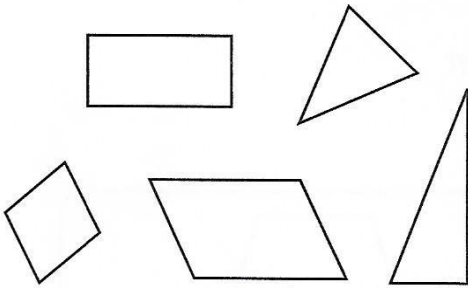than 4 angles

✓4. Shapes with fewer
than 5 sides

Name _____

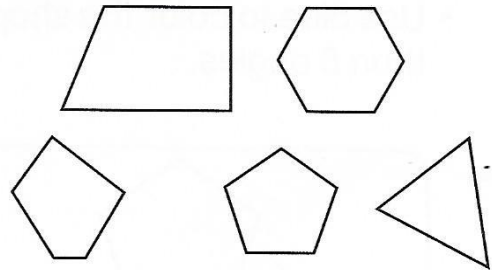# On Your Own
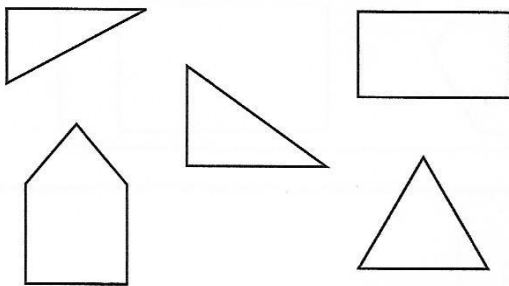
Circle the shapes that match the rule.
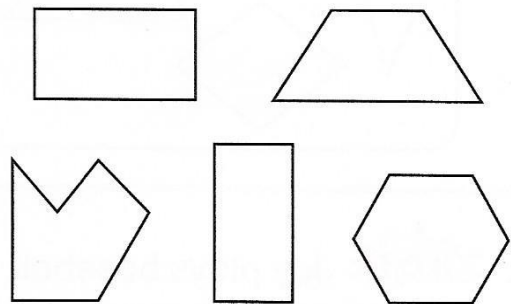
5. Shapes with 4 sides

6. Shapes with more than 4 angles

7. Shapes with fewer than 4 angles

8. Shapes with fewer than 5 sides

9. H.O.T. Draw three shapes that match the rule. Circle them. Then draw two shapes that do not match the rule.

Shapes with fewer than 5 angles