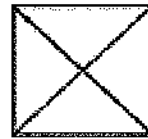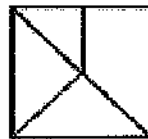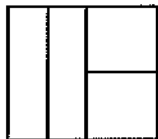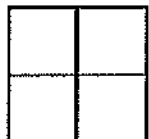Name _____

Some students partitioned a rectangular cake in different ways.

Circle each cake that is correctly partitioned into fourths.

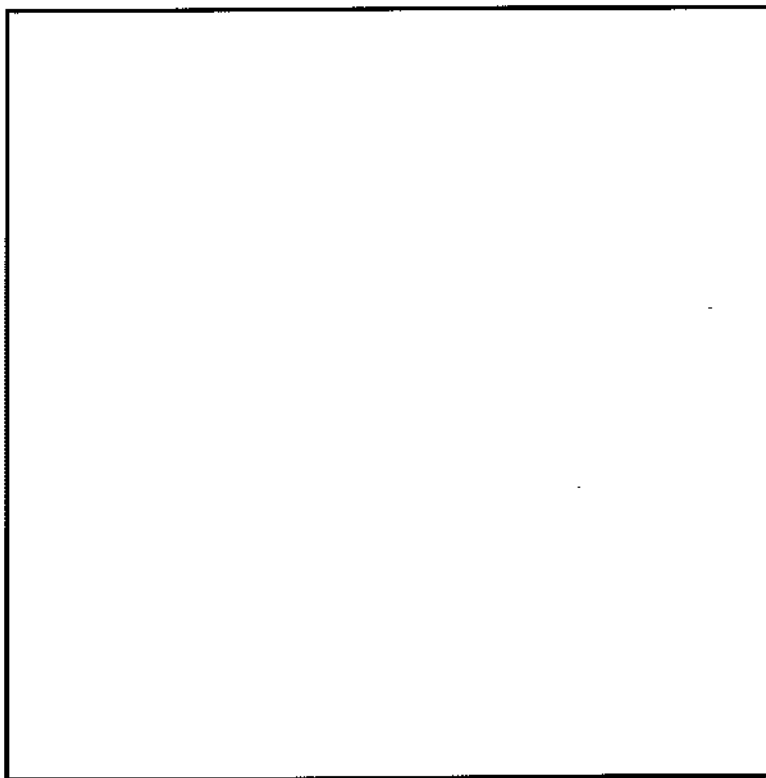**Explain your reasoning.**

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Name _____

You have 2 round cookies.

<u>Cut</u> each cookie into <u>fourths</u> in two different ways.
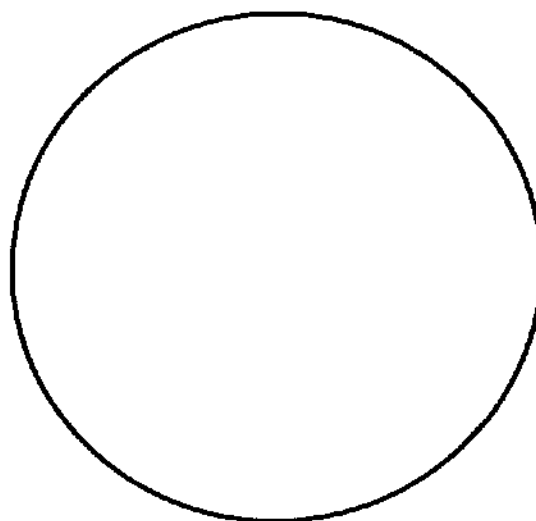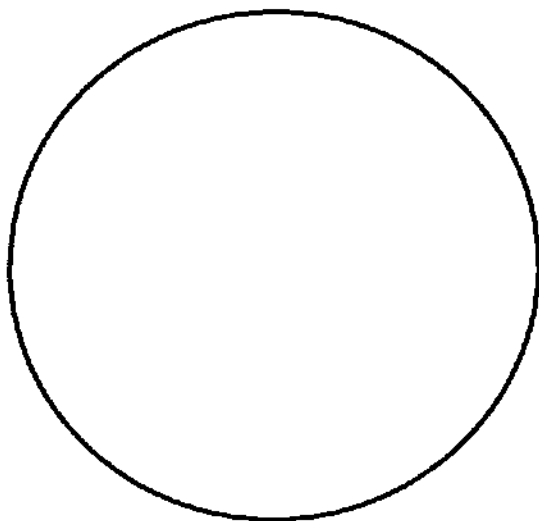
Explain how you know that each cookie has been partitioned into fourths.

_____
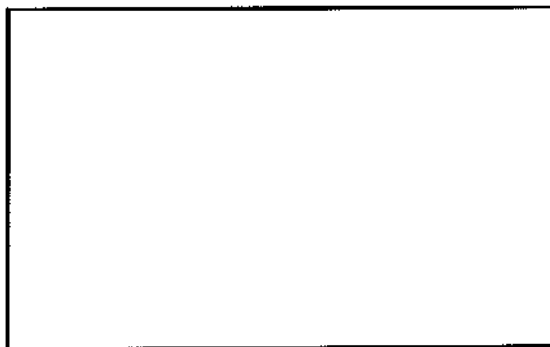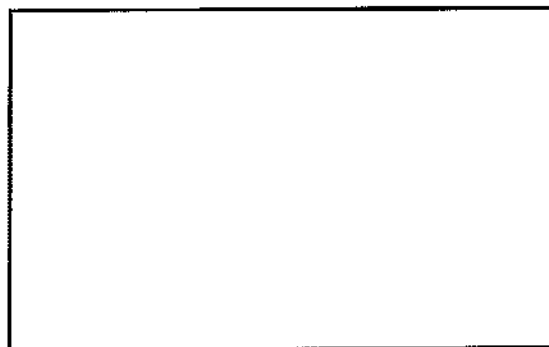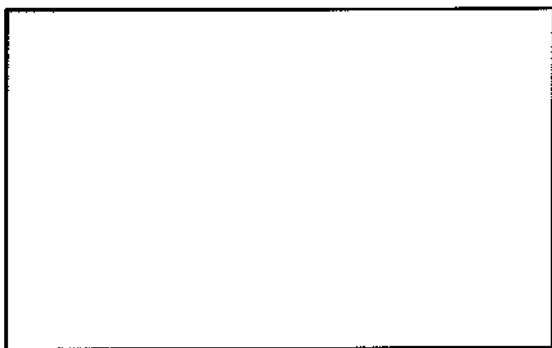
_____

_____

_____

_____

_____

Name _____

Partition the rectangle into 2 rows and 2 columns of same-size squares.

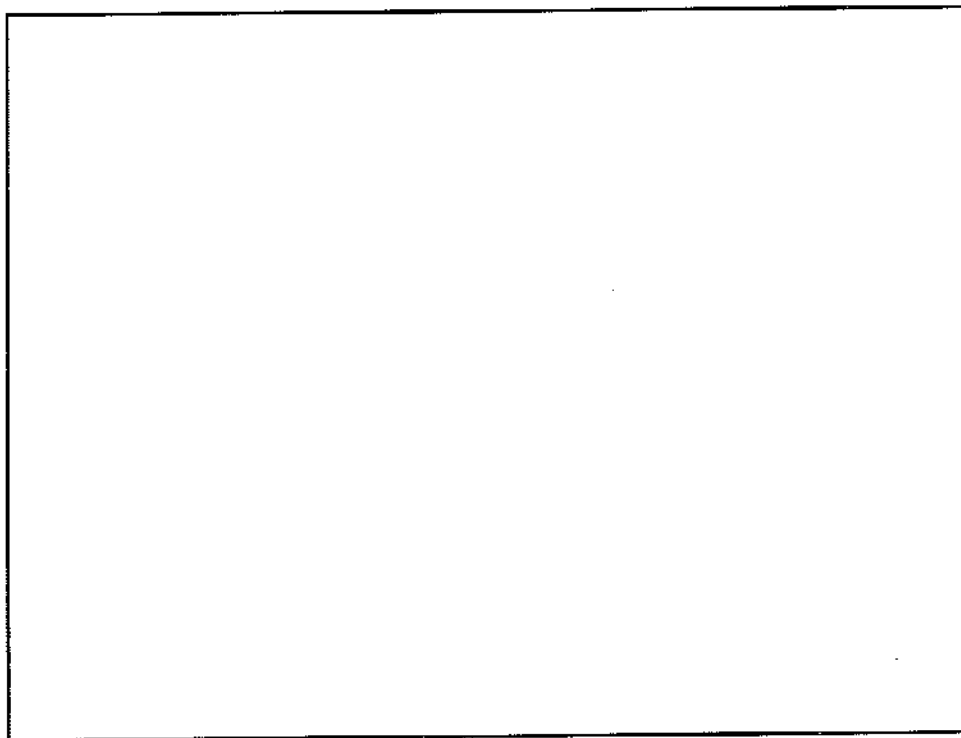How many same size squares do you have? _____

Name _____

You have 3 rectangular cakes.

Cut each cake into fourths in three different ways.

Explain how you know that each cake has been partitioned into fourths.
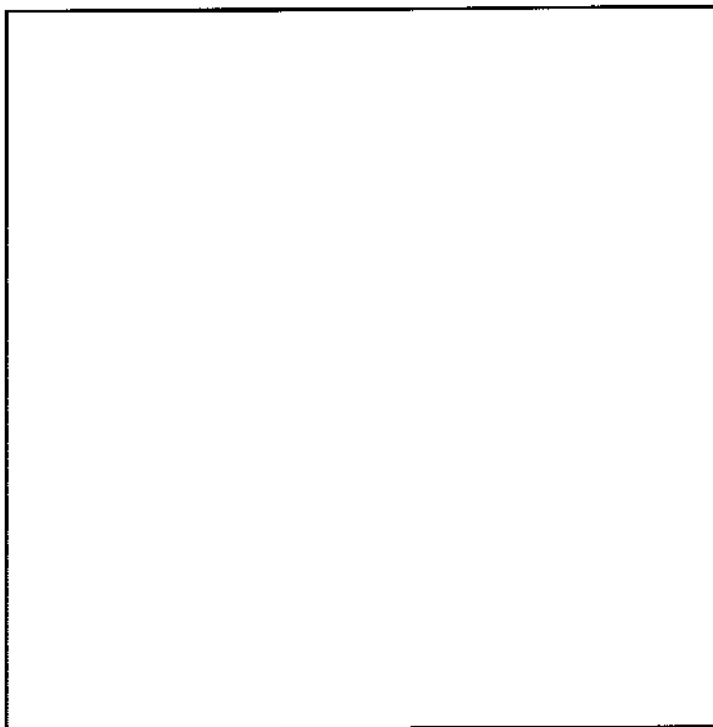
_____

_____

_____

_____

_____

Name _____

Partition the rectangle into 3 rows and 4 columns of same-size squares.
How many squares do you have?

How many same size squares do you have? _____

Name _____

Partition the rectangle into 2 rows and 2 columns of same-size squares.
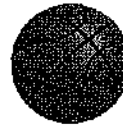
How many same-size squares do you have? _____

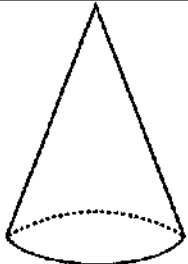Name_____ Date:_____Number_____
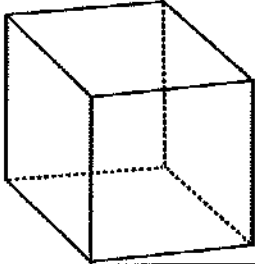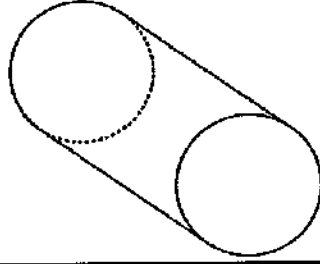
Searching for Shapes

Directions: Find three 2D shapes and three 3D shapes in the classroom.   Draw and label them by name and shape on the correct side of the T chart as shown.

2D shapes	3D shapes
envelope (rectangle)	basketball (sphere)

Image © Graphics Factory.com

Geometrical Shapes

Directions: Cut the words below and match them to their correct shape. Count and write the number of faces, edges, and vertices for each shape.

1.	2.	3.

Number of Faces:_____   Number of Faces:_____   Number of Faces:_____
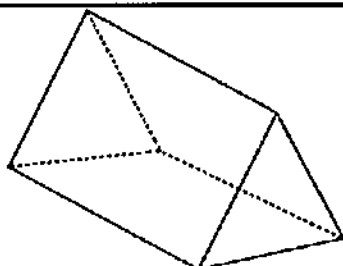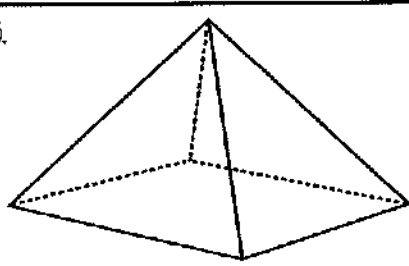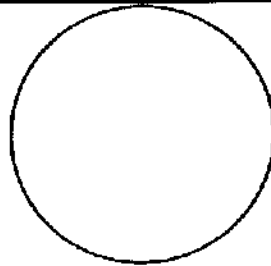
Number of Edges:_____   Number of Edges:_____   Number of Edges:_____

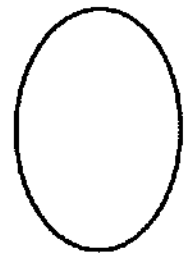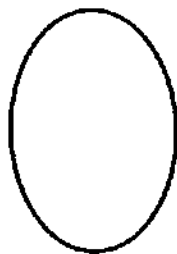Number of Vertices:_____   Number of Vertices:_____   Number of Vertices:_____

4.	5.	6.

Number of Faces:_____   Number of Faces:_____   Number of Faces:_____

Number of Edges:_____   Number of Edges:_____   Number of Edges:_____

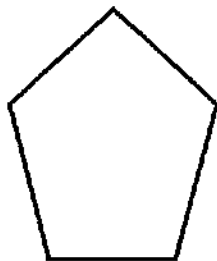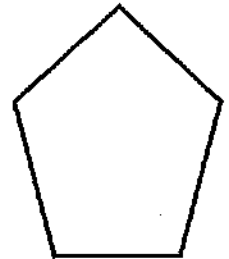Number of Vertices:_____   Number of Vertices:_____   Number of Vertices:_____

NND01132014

Prism   Sphere   Cone

Cube   Pyramid   Cylinder

Make a Picture

Use these shapes to make a picture! Cut them out
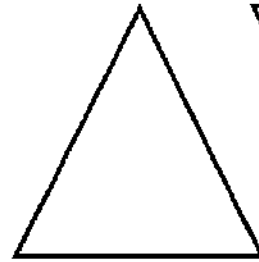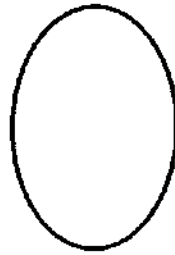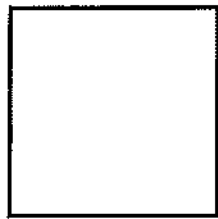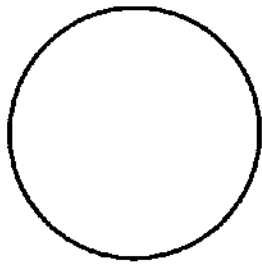You can draw more if you need to.
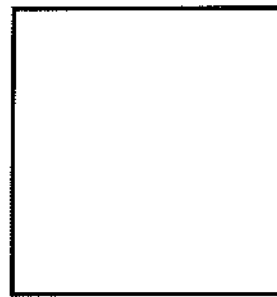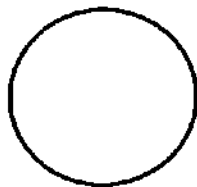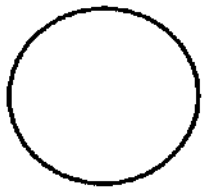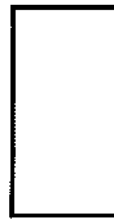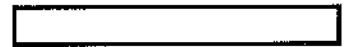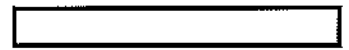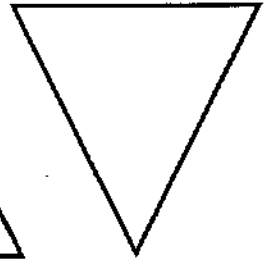
Graphing Shapes

Look at your picture. How many....

Squares? ▢   Rectangles? ▭   Triangles? △

Circles? ◯   Ovals? ⬭   Pentagons? ⬠

Can you graph it?

10						
9						
8						
7						
6						
5						
4						
3						
2						
1						
	▭	◯	▢	⬭	△	⬠