

A STORY OF UNITS

# **Mathematics Curriculum**



## Grade K • MODULE 2

## **Two-Dimensional and Three-Dimensional Shapes**

# Homework

Video tutorials: http://embarc.online

Version 3



## **Mathematics Curriculum**



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Two-Dimensional and Three-Dimensional Shapes

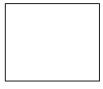
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Name	Date	

Draw a line from the shape to its matching object.



















Lesson 1:

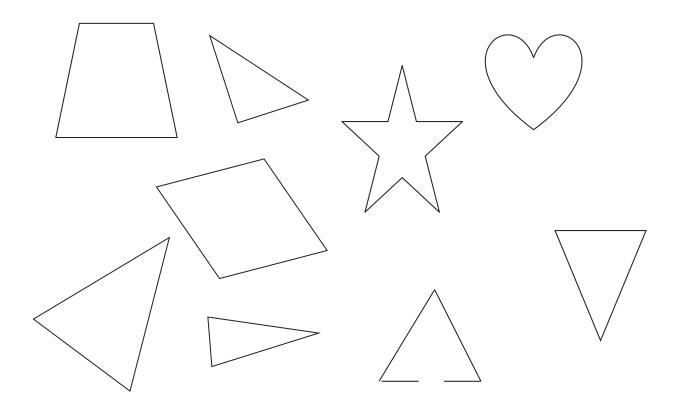
Find and describe flat triangles, squares, rectangles, hexagons, and circles using informal language without naming.

Name

Date	

Color the triangles red and the other shapes blue.

\_\_\_\_\_



Draw 2 different triangles of your own.



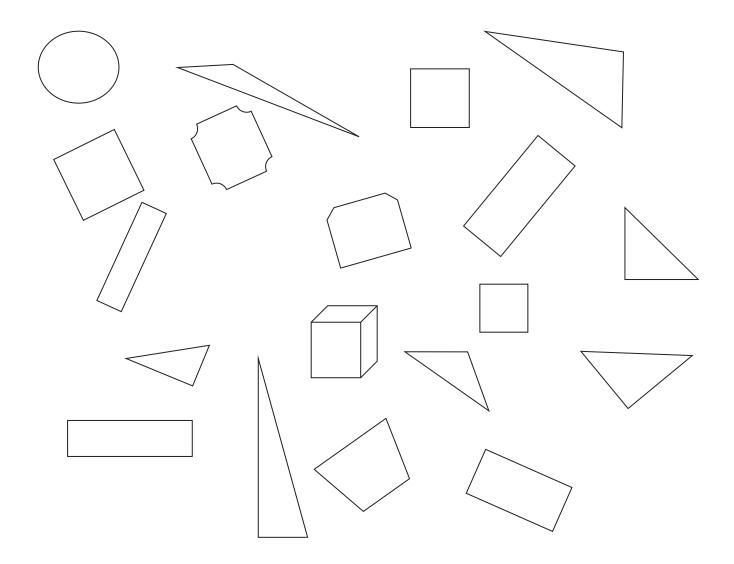
Lesson 2:

2: Explain decisions about classifications of triangles into categories using variants and non examples. Identify shapes as triangles.

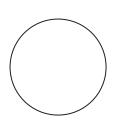
Name \_\_\_\_\_

Date \_\_\_\_\_

Color all the rectangles red. Color all the triangles green.



On the back of your paper, draw 2 rectangles and 3 triangles. How many shapes did you draw? Put your answer in the circle.





Lesson 3: Explain decisions about classifications of rectangles into categories using variants and non examples. Identify shapes as rectangles.



Name	_ Date
Color the triangles blue.	
Color the rectangles red.	
Color the circles green.	
Color the hexagons yellow.	

On the back of your paper, draw 2 triangles and 1 hexagon.

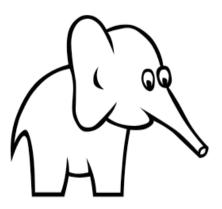
How many shapes did you draw?



Explain decisions about classifications of hexagons and circles, and identify them by name. Make observations using variants and non examples.



Name	Date



- **Behind** the elephant, draw a shape with 4 straight sides that are exactly the same length. Color it blue.
- Above the elephant, draw a shape with no corners. Color it yellow.
- In front of the elephant, draw a shape with 3 straight sides. Color it green.
- Below the elephant, draw a shape with 4 sides, 2 long and 2 short.
  Color it red.
- Below the elephant, draw a shape with 6 corners. Color it orange.

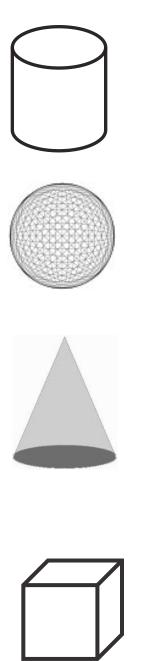
On the back of your paper, draw 1 hexagon and 4 triangles. How many shapes did you draw? Put your answer in the circle.





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

Find things in your house or in a magazine that look like these solids. Draw the solids or cut out and paste pictures from a magazine.





Lesson 6:

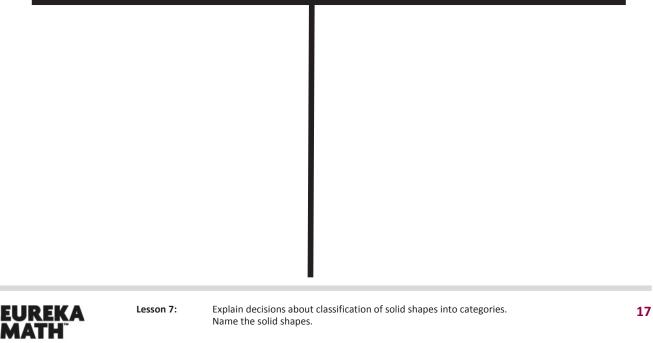
: Find and describe solid shapes using informal language without naming.

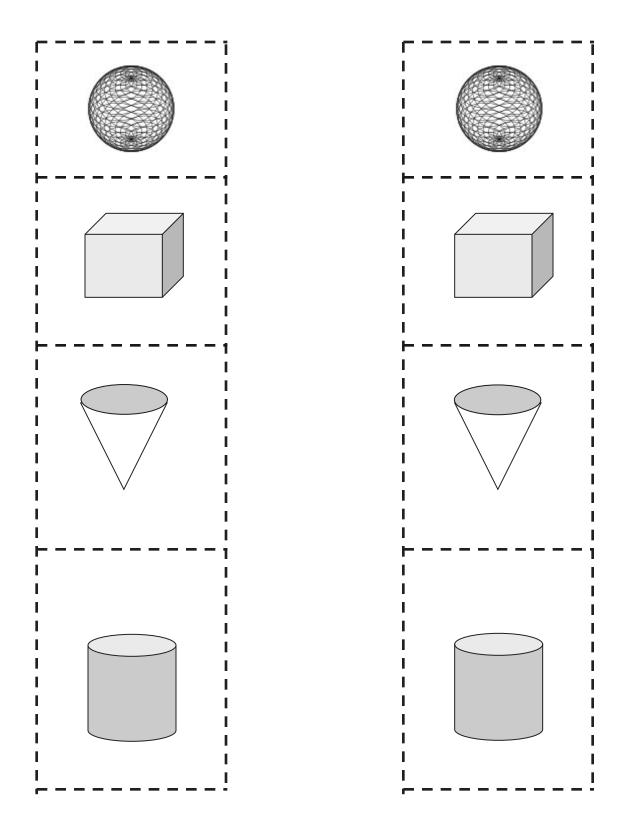
Name \_\_\_\_\_ Date \_\_\_\_\_

Cut one set of solid shapes. Sort the 4 solid shapes. Paste onto the chart.

These have corners. These do not have corners.

Cut the other set of solid shapes, and make a rule for how you sorted them. Paste onto the chart.





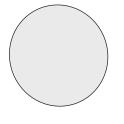


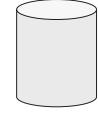
Lesson 7: Explain decisions about classification of solid shapes into categories. Name the solid shapes.

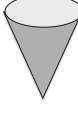


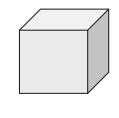
Name	Dat	e

#### Tell someone at home the names of each solid shape.









Sphere

Cylinder

Cone

Cube



Color the car **beside** the stop sign green.

Circle the **next** car with blue.

Color the car **behind** the circled car red.

Draw a road **below** the cars.

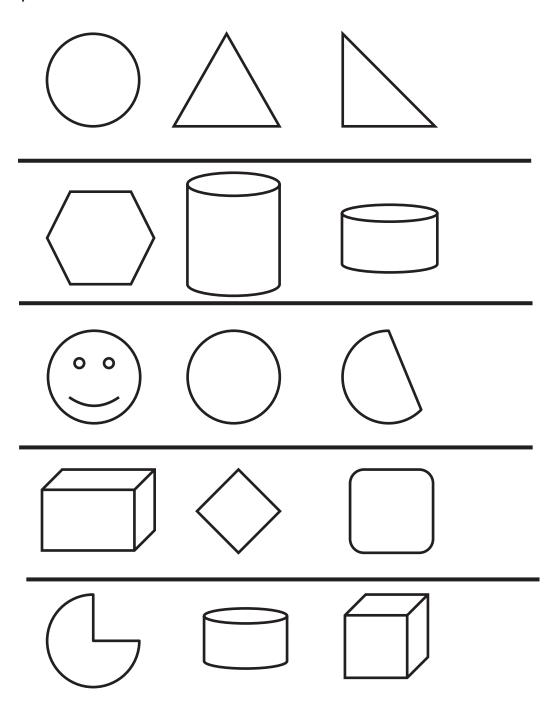
Draw a policeman in front of the cars.

Draw a sun **above** the cars.



Name	Date	

In each row, circle the one that doesn't belong. Explain your choice to a grown-up.



EUREKA MATH Lesson 9:

Identify and sort shapes as two-dimensional or three-dimensional, and recognize two-dimensional and three-dimensional shapes in different orientations and sizes.

#### Shape Up Your Kitchen!

Search your kitchen to see what shapes and solids you can find. Make a kitchen-shaped collage by drawing the shapes that you see and by tracing the faces of the solids that you find. Color your collage.



Culminating task—collaborative groups create displays of different flat shapes with examples, non-examples, and a corresponding solid shape.







### Video tutorials: http://embarc.online



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