Name _____ Date _____

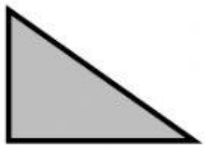
Geometry
Properties of Shapes

Triangles

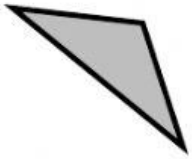
Name each triangle according to its angles.

A. 

_____

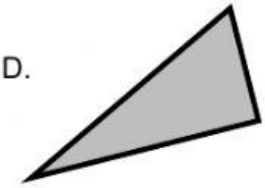
B. 

_____

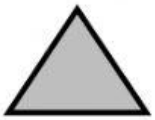
C. 

_____

Name each triangle according to its side lengths.

D. 

_____

E. 

_____

F. 

_____

Draw a triangle with more than 1 name. List the names.

Names

Word Bank

acute
equilateral
isosceles
obtuse
right
scalene

Activity 40832
40833

Name _____ Date _____

Triangles

Divide each shape 1 time to form congruent triangles. Name the types of triangles created.

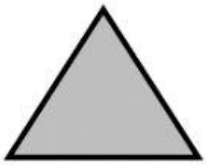
G.

_____

H.

_____

I.



_____

Divide each shape to form 4 congruent triangles. Name the types of triangles created.

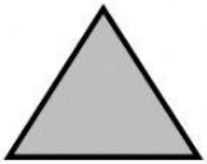
J.

_____

K.

_____

L.



_____

Can an equilateral triangle also be a right triangle? Explain your thinking.

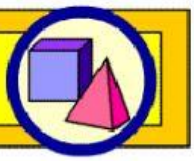
_____

_____

_____

Name _____ Date _____

Connections



Today I learned:

_____

_____

_____

Explore

Can an equilateral triangle also be an obtuse triangle? Can a scalene triangle also be an acute triangle? Discover the answers to these questions and more by using a few materials and completing the chart below.

You will need plastic straws, yarn, scissors, and a ruler.

Cut 3 pieces of yarn 24" long.

Cut the plastics straws into the following lengths: 2", 3", 4", 5", 6", 7", and 8". Make 3 sets in all.

Using the straw pieces as sides of triangles, create triangles to help you complete the chart. Thread together 3 straws. Bring the ends of the yarn together to form a triangle.

Place an O if both types of triangles can be made from the same straw pieces. Place an X if both triangles cannot be made.

	Acute Triangle	Right Triangle	Obtuse Triangle
Equilateral Triangle			
Isosceles Triangle			
Scalene Triangle			