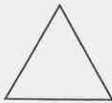# Triangles

You can classify triangles by the lengths of their sides.

equilateral
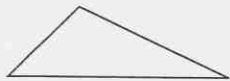3 sides the same length

isosceles
2 sides the same length

scalene
no sides the same length

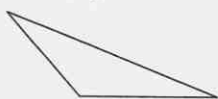You can also classify triangles by the measures of their angles.

right
1 right angle

acute
3 acute angles

obtuse
1 obtuse angle

The sum of the measures of the angles of any triangle is 180 degrees.
If you know the measures of two angles of a triangle, you can figure
out the measure of the third angle.

Circle the characteristics of each triangle. Then classify the triangle
as equilateral, isosceles, or scalene and right, acute, or obtuse.
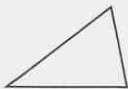
1. 3 sides the same length

2 sides the same length

no sides the same length

1 right angle

3 acute angles

1 obtuse angle

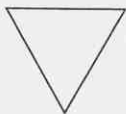_____

2. 3 sides the same length

2 sides the same length
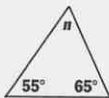
no sides the same length

1 right angle

3 acute angles

1 obtuse angle

_____

Find the measure of the unknown angle.

3.

$55° + 65° + n =$ _____

$n =$ _____

4.

_____ + _____ + $n =$ _____

$n =$ _____