ANGLES IN TRIANGLES – 1
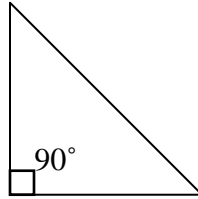## REMEMBER: All three angles in any triangle equal 180º
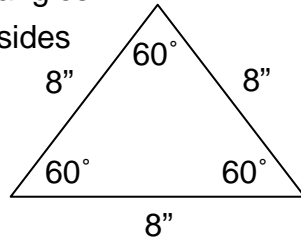
A **RIGHT TRIANGLE**
☑ has a 90° angle
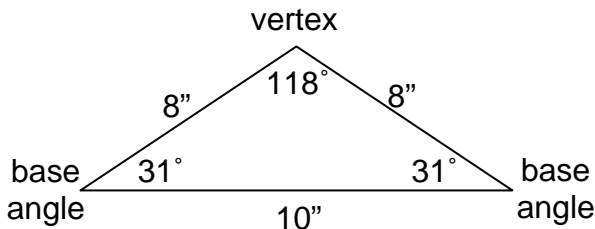
90°

An **EQUILATERAL TRIANGLE**
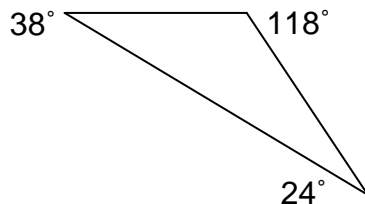☑ has 3 equal angles
☑ has 3 equal sides

60°
8"   8"
60°   60°
8"

An **ISOSCELES TRIANGLE**
☑ has two equal base angles
☑ vertex angle
☑ The 2 sides from the base angles are equal lengths.

vertex
118°
8"   8"
base / 31°   31° \ base
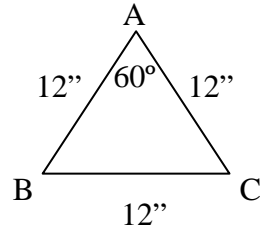angle   angle
10"

In a **SCALENE TRIANGLE**
☑ all three angles are different
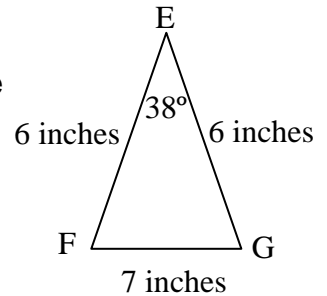
38°   118°

24°

Identify each triangle. Determine how many degrees are in each remaining angle.

1. ① right triangle
   ② equilateral triangle
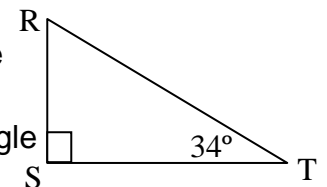   ③ isosceles triangle
   ④ scalene triangle

A
12" 60º 12"
B   C
12"

∠ B = _____°
∠ C = _____°

2. ① right triangle
   ② equilateral triangle
   ③ isosceles triangle
   ④ scalene triangle

E
38º
6 inches   6 inches
F   G
7 inches

∠ F = _____°
∠ G = _____°

3. ① scalene triangle
   ② equilateral triangle
   ③ isosceles triangle
   ④ right/scalene triangle

R
34º
S   T

∠ R = _____°

4. ① right triangle
   ② equilateral triangle
   ③ isosceles triangle
   ④ scalene triangle

∠ M = _____°   M
                        O
                   25º
38º
N