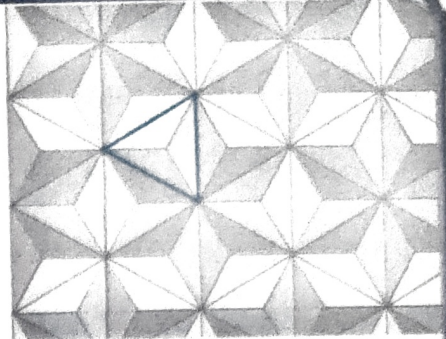


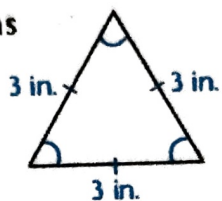
If you look closely at Epcot Center's Spaceship Earth building in Orlando, Florida, you may see a pattern of triangles. The triangle outlined in the pattern at the right has 3 congruent sides and 3 acute angles. What type of triangle is outlined?



**?** Complete the sentence that describes each type of triangle.

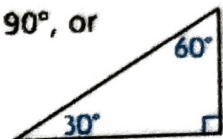
Classify triangles by the lengths of their sides.

An **equilateral triangle** has 3 congruent sides.

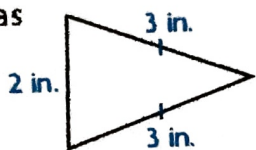


Classify triangles by the measures of their angles.

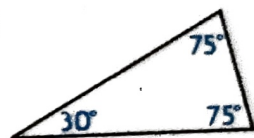
A right triangle has one  $90^\circ$ , or right angle.



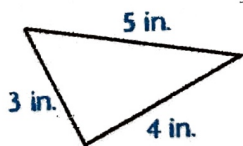
An **isosceles triangle** has 2 congruent sides.



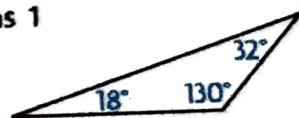
An acute triangle has 3 acute angles.



A **scalene triangle** has 0 congruent sides.



An obtuse triangle has 1 obtuse angle.



The type of triangle outlined in the pattern can be classified by the length of its sides as an equilateral triangle.

The triangle can also be classified by the measures of its angles as an acute triangle.

**Math Talk**

Is an equilateral triangle also a regular polygon? **Explain.**

**Yes; Possible explanation: An equilateral triangle has 3 sides of equal length, so the angles are congruent too.**