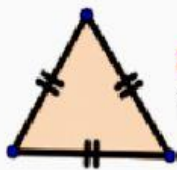




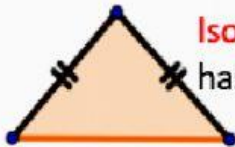
Name:	Date:
Worksheet # 2 (Types of Triangles)	Framework Code: 5Gg.01
Week #	Learning Objective: Identify, describe, classify and sketch isosceles, equilateral or scalene triangles, including reference to angles and symmetrical properties.

Types of Triangles

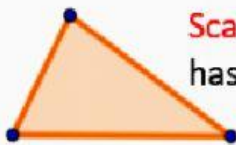
By Side



Equilateral Triangle
has three equal sides

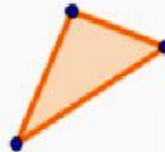


Isosceles Triangle
has two equal sides



Scalene Triangle
has no equal sides

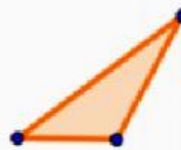
By Angle



Acute triangle
has three angles $< 90^\circ$

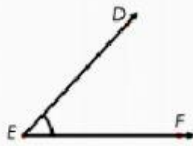


Right triangle
has one angle $= 90^\circ$

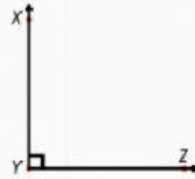


Obtuse triangle
has one angle $> 90^\circ$

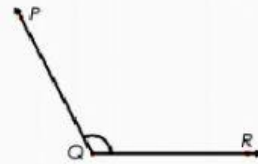
Triangles



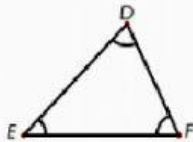
An **acute angle** is less than 90°



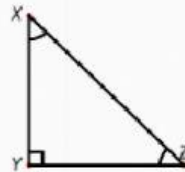
A **right angle** is exactly 90°



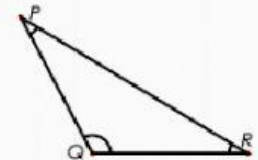
An **obtuse angle** is greater than 90°



An **acute triangle** has 3 acute angles.



A **right triangle** has 1 right angle and 2 acute angles.



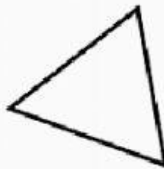
An **obtuse triangle** has 1 obtuse angle and 2 acute angles.

Q.1 Identify each type of triangle as **acute**, **right** or **obtuse**.

a.



b.



c.



d.

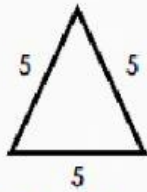


e.

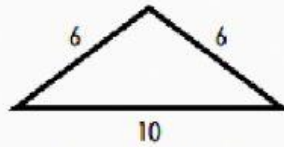


f.

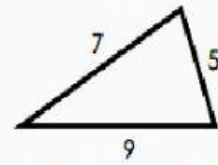




Equilateral Triangle
All sides are the same length.



Isosceles Triangle
At least 2 sides are the same length.



Scalene Triangle
No sides are the same length.

Q.2 Name each triangle by the lengths of its sides.

a. 3 in., 5 in., 3 in.

b. 14 cm, 9 cm, 8 cm

Name each triangle pictured.

