



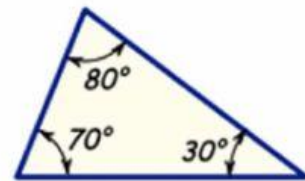
UNIT 9: 2D and 3D SHAPES

Lesson 1: Types of triangle

I. Basic knowledge

1. Triangles

- A triangle has three sides and three angles.
- The three angles always add to 180 degrees (180°)



2. Types of triangles

a. By angle



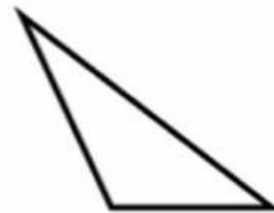
Acute triangle

All angles are less than 90° .



Right triangle

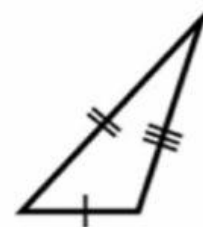
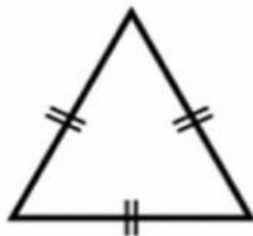
has a right angle



Obtuse triangle

has an angle more than 90°

b. By side



Equilateral triangle	Isosceles triangle	Scalene triangle
THREE equal sides	TWO equal sides	NO equal sides
THREE equal angles, always 60°	TWO equal angles	NO equal angles

II. Vocabulary

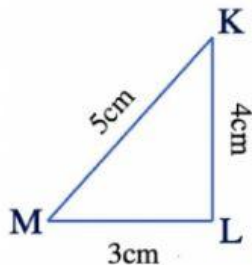
English words	Vietnamese meaning
Acute triangle	Góc nhọn
Obtuse triangle	Góc tù
Right triangle	Góc vuông
Equilateral triangle	Tam giác đều
Isosceles triangle	Tam giác cân
Scalene triangle	Tam giác thường

III. Practice

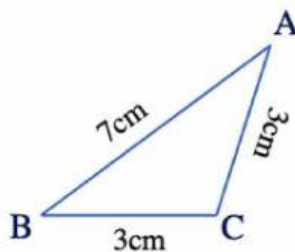
1. Unscramble the letters to make the correct words.

- a. qeaerlitual _____ b. sisseecllo _____
c. csaeeln _____ d. bouets _____

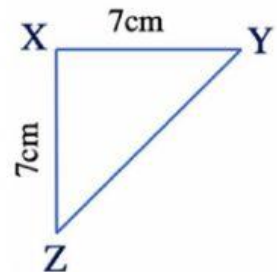
2. Classify the triangles by their sides as **equilateral**, **isosceles** or **scalene** triangle.



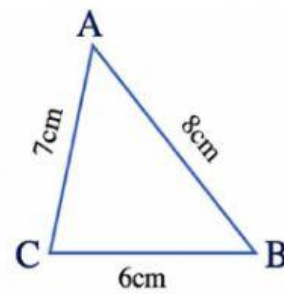
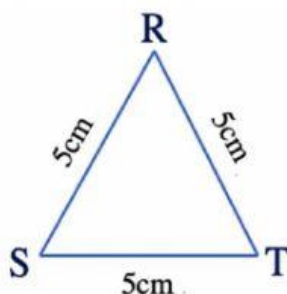
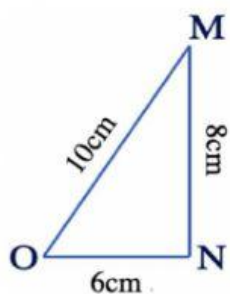
Scalene triangle



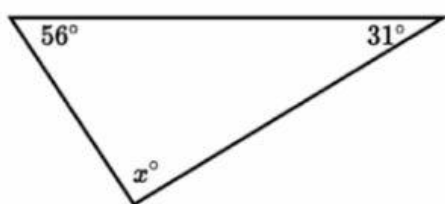
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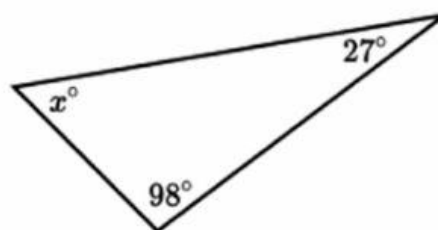
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3. Work out the missing angle.



$x =$ _____ degrees



$x =$ _____ degrees

4. Identify each triangle based on angles (**acute triangle, obtuse triangle or right triangle**)

