



UNIT 8: SHAPES

Lesson 3: Triangles (2)

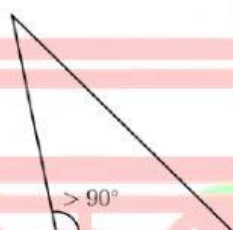
I. Revision

Types of triangles based on angles.



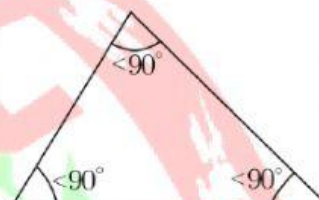
Right triangle

(a right angle)



Obtuse triangle

(1 obtuse angle and
2 acute angles)

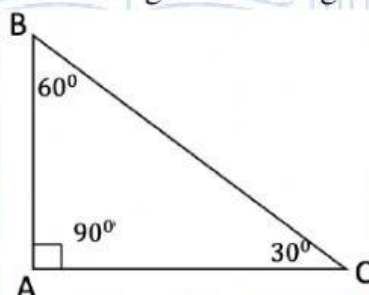


Acute triangle

(3 acute angles)

II. Basic knowledge

- The sum of three angles in a triangle is 180 degrees (180°)



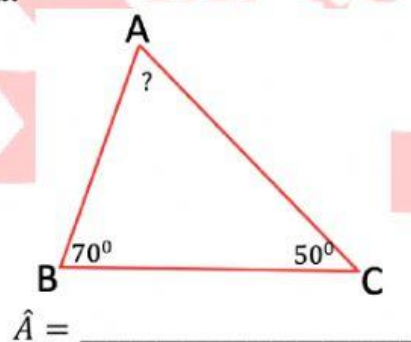
For example:

in triangle ABC, we have $\hat{A} + \hat{B} + \hat{C} = 90^\circ + 60^\circ + 30^\circ = 180^\circ$

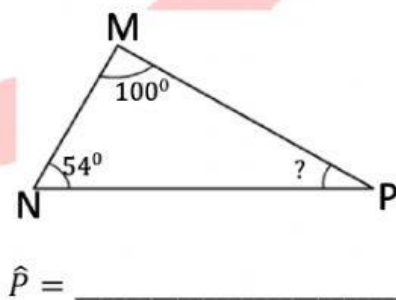
III. Practice

- Find the angle in each triangle.

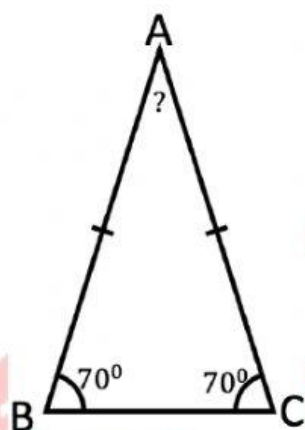
a.



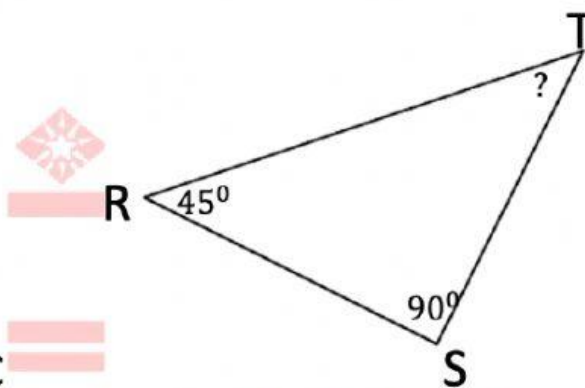
b.



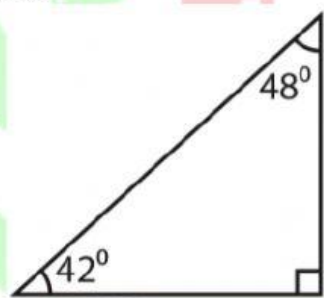
c.

 $\hat{A} =$ _____

d.

 $\hat{T} =$ _____

2. Identify each type of triangle shown below (**right, acute or obtuse triangle**).

right triangle