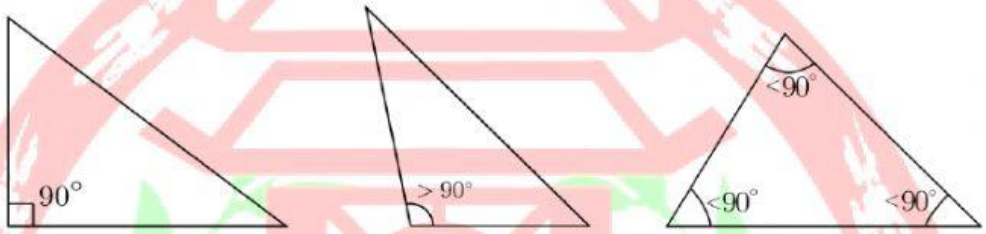
UNIT 8: SHAPES

Lesson 3: Triangles (2)

I. Revision

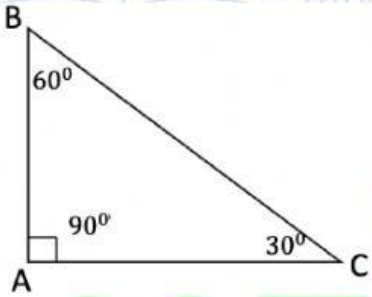
Types of triangles based on angles.



Right triangle	Obtuse triangle	Acute triangle
(a right angle)	(1 obtuse angle and 2 acute angles)	(3 acute angles)

II. Basic knowledge

- The sum of three angles in a triangle is 180 degrees (180^0)



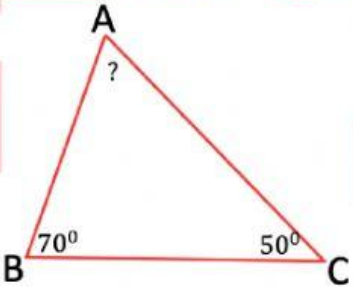
For example:

in triangle ABC, we have $\hat{A} + \hat{B} + \hat{C} = 90^0 + 60^0 + 30^0 = 180^0$

III. Practice

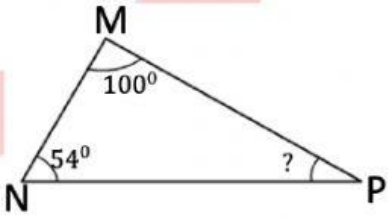
1. Find the angle in each triangle.

a.



$\hat{A} =$ _____

b.



$\hat{P} =$ _____

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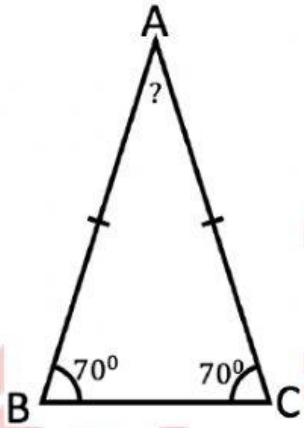
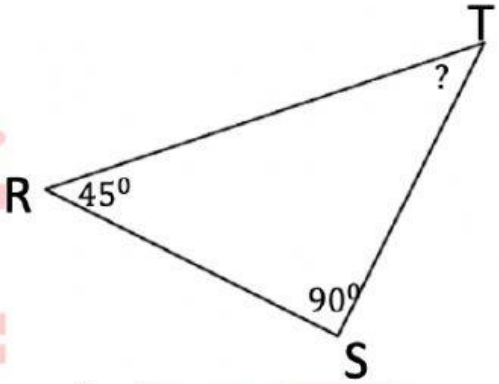
c.



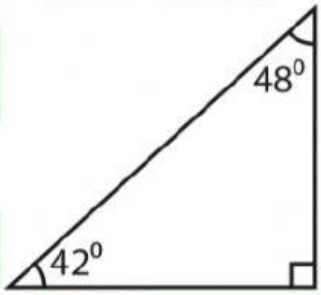
$\hat{A} =$ _____

d.

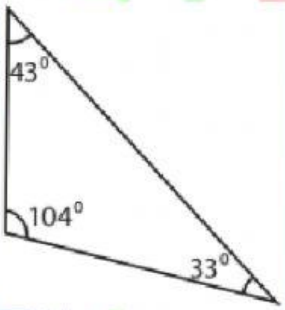


$\hat{T} =$ _____

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



_____*right triangle*_____



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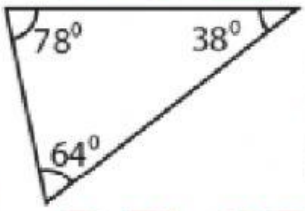

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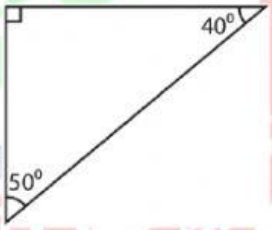

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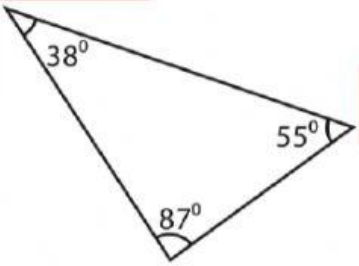

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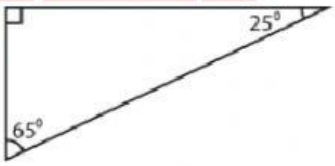

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