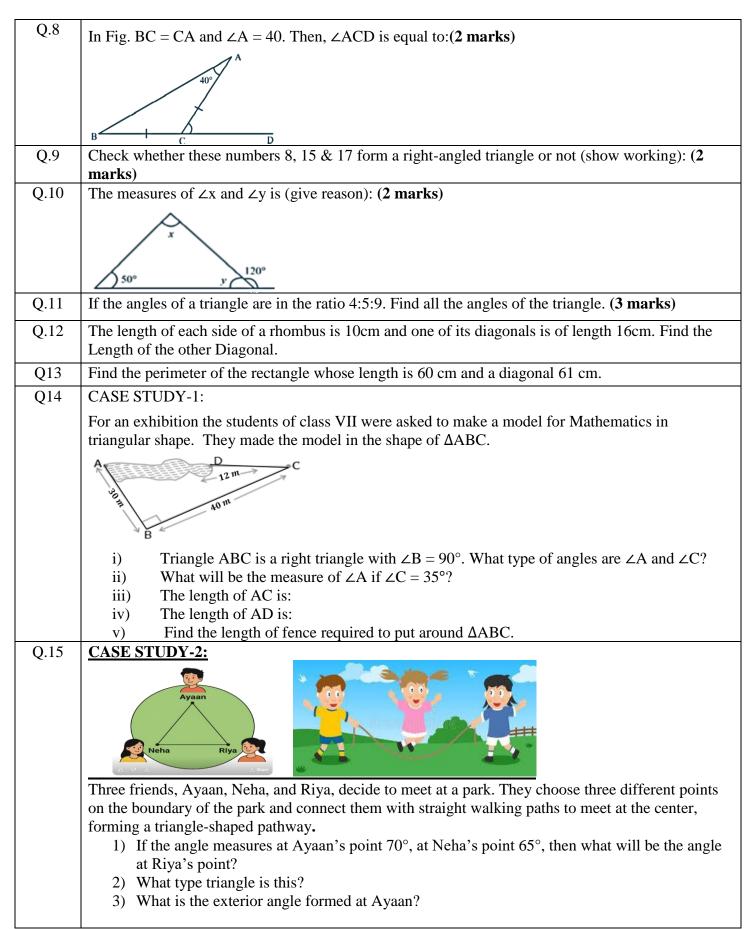


## INDIAN SCHOOL AL WADI AL KABIR

## Class VII, Mathematics WORKSHEET-2 (2025-26) TRIANGLE AND ITS PROPERTIES

## **Multiple Choice Questions**

Q.1.	In the following figure, find $\angle$ B.										
	B C 50° D										
	A	30°	В	60°	С	90°	D	120°			
Q.2.	The perpendicular line segment drawn from a vertex of a triangle to the opposite side is called its										
	A	Altitude	В	Median	C	Hypotenuse	D	Base			
Q.3.	Which of the following can be the length of the third side of a triangle whose measure of two sides are given as 18cm and 14 cm?										
	A	5 cm	В	4 cm	С	3 cm	D	32 cm			
Q.4.	If the exterior angle of a triangle is 150° and its interior opposite angles are equal, then measure of each interior opposite angle is:										
	A	30°	В	65°	C	50°	D	75°			
Q.5.	Find the	he value of the un	nknow	xn interior angle $x$ in t	he fo	ollowing figure:					
	A	90°	В	50°	C	80°	D	40°			
Q.6	One of the acute angles of a right triangle is 36°. The other angle is:										
	A	54°	В	144°	C	46°	D	74°			
Q.7	In $\triangle PQR$ , if $PQ = QR$ and $\angle Q = 70^{\circ}$ , then $\angle R$ is equal to										
	A	40°	В	55°	C	110°	D	100°			



\*\*\*\*\*\*

Answers	1	В	2	A	3	A	4	D
	5	D	6	A	7	В	8	80°
	9	yes	10	X=70°; Y=60°	11	40°,50°,90°	12	12cm
	13	142 cm	14	i)Acute angles ii)55° iii)50m iv)38m v)120m		1)45° 2)Acute triangle 3)110°		