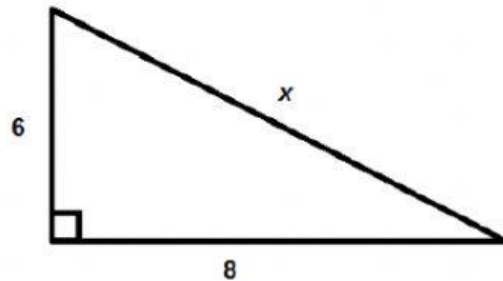


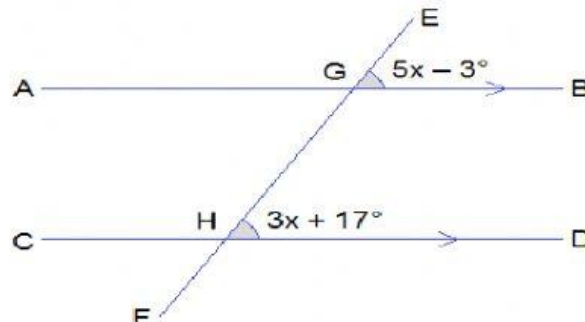
PRACTICE SHEET -3 (11 marks)

1. The distance between two points with coordinates (9 , 5) and (4 , 2) is

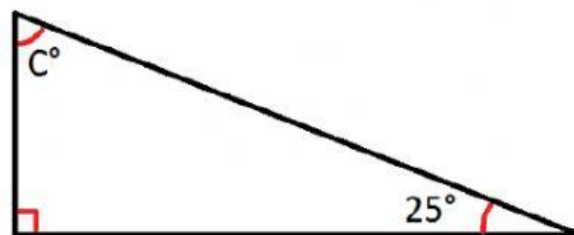
2. The value of side x using Pythagoras theorem in the picture is $x =$



3. The value of side x using Parallel theorems in the picture is $x =$



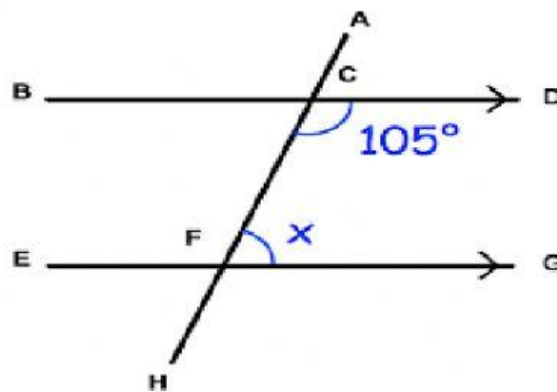
4. The value of angle c using Triangle properties in the picture is $c =$



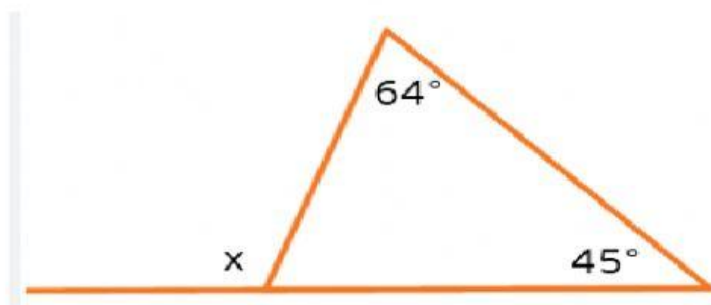
5. Fill the correct value for y when the function is given in the table

x	$y = 2x - 5$	y
10	$y = 2(10) - 5$	15
20	$y = 2(20) - 5$	35
30	$y = 2(\text{ }) - 5$	

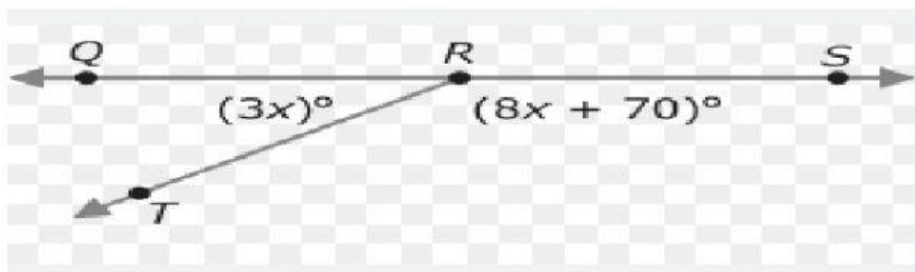
6. The value of x in the picture using Parallel lines theorem is $x =$



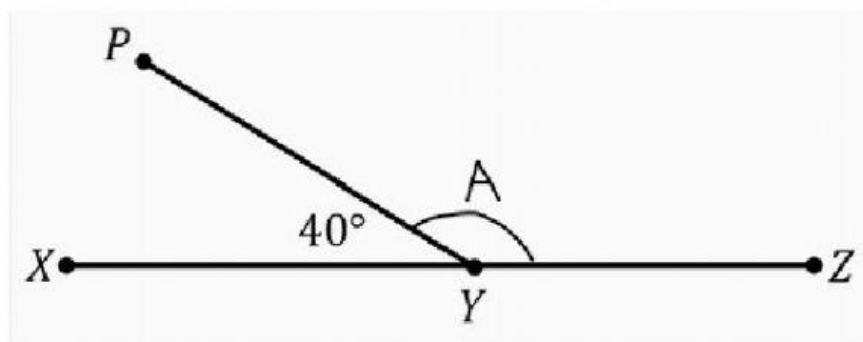
7. Using property of external angle the value of $x =$



8. If angles are supplementary the value of $x =$



9. If angles are supplementary the value of $A =$



10. On solving the equations by elimination the value of $x =$

$$3x + 2y = 10$$

$$2x - 2y = 40$$