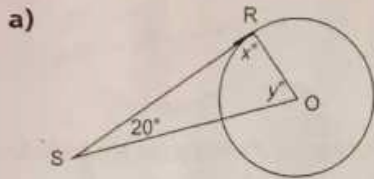


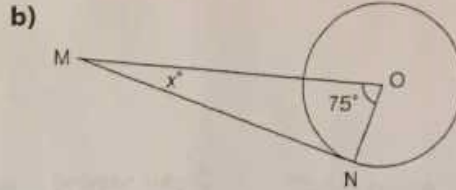
**Unit 8 Review**

1. Find each value of  $x^\circ$  and  $y^\circ$ . Segments RS and MN are tangents.



$$x^\circ = \angle \text{---} = \text{---} ( \quad )$$

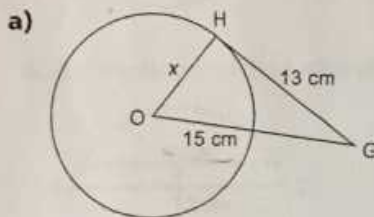
$$y^\circ = \angle \text{---} = \text{---} ( \quad )$$



$$\angle ONM = \text{---} ( \quad )$$

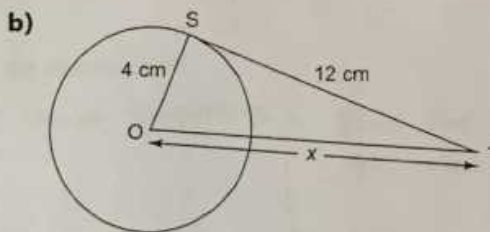
$$x^\circ = \angle \text{---} = \text{---} ( \quad )$$

2. Find each value of  $x$  to the nearest tenth. Segments GH and ST are tangents.



$$\angle \text{---} = \text{---} ( \quad )$$

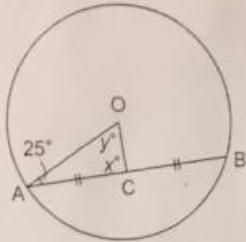
Determine "x" (show work)



$$\angle \text{---} = \text{---} ( \quad )$$

Determine "x" (show all work)

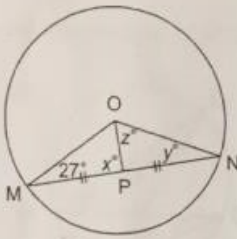
3. Find the values of  $x^\circ$  and  $y^\circ$ .



State your properties:

Determine the values of "x" and "y":

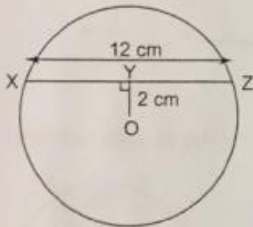
4. Find the values of  $x^\circ$ ,  $y^\circ$ , and  $z^\circ$ .



State your properties:

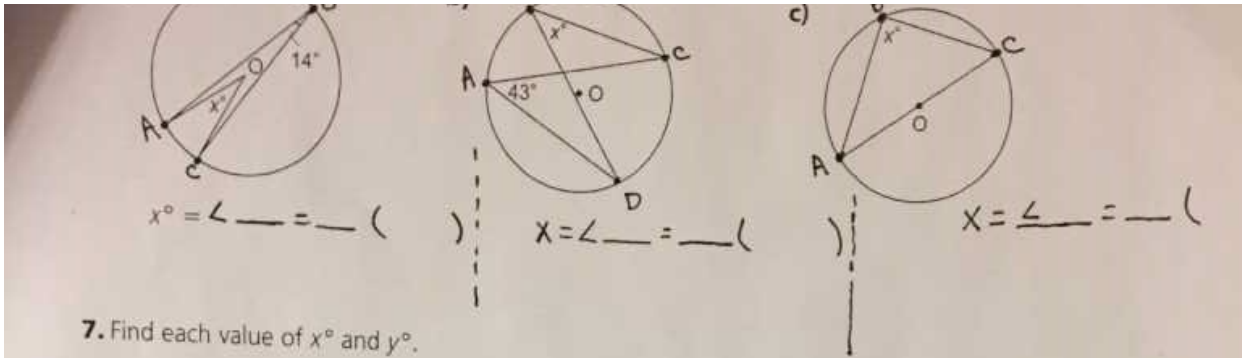
Determine the value of "x", "y" and "z"

5. Find the length of the radius of the circle to the nearest tenth.

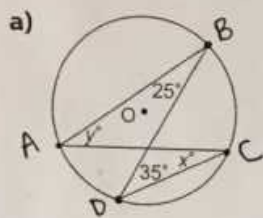


State your properties:

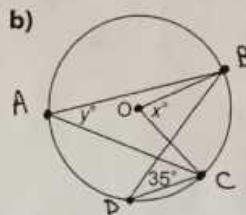
Find the length of the radius



7. Find each value of  $x^\circ$  and  $y^\circ$ .

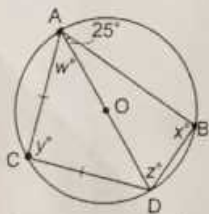


$x^\circ = \angle \text{---} = \text{---} ( \quad )$   
 $y^\circ = \angle \text{---} = \text{---} ( \quad )$



$x^\circ = \angle \text{---} = \text{---} ( \quad )$   
 $y^\circ = \angle \text{---} = \text{---} ( \quad )$

8. Find the value of  $w^\circ$ ,  $x^\circ$ ,  $y^\circ$ , and  $z^\circ$ .



Find  $t^\circ$ ,  $u^\circ$ ,  $w^\circ$ ,  $x^\circ$ ,  $y^\circ$  &  $z^\circ$ :

