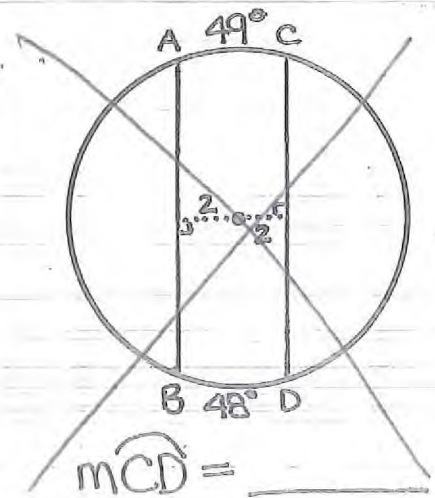
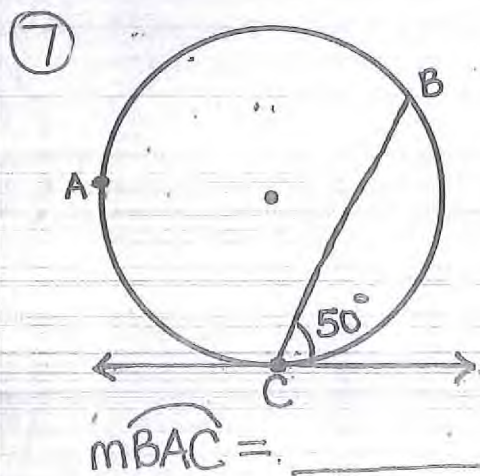
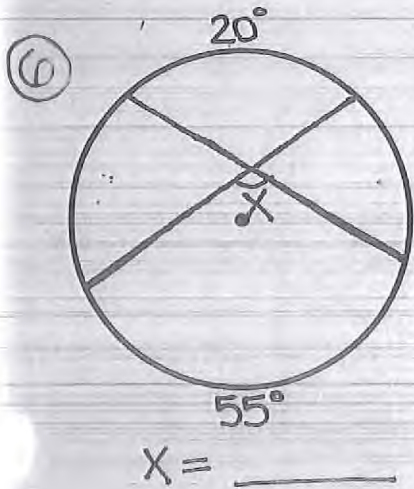
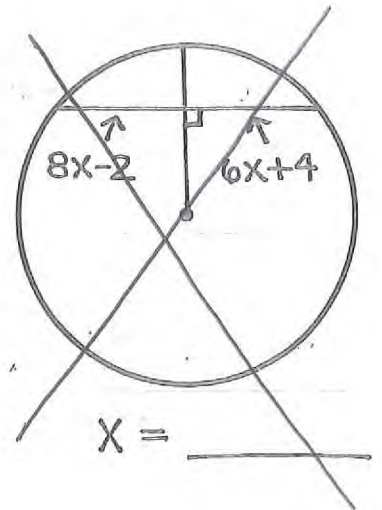
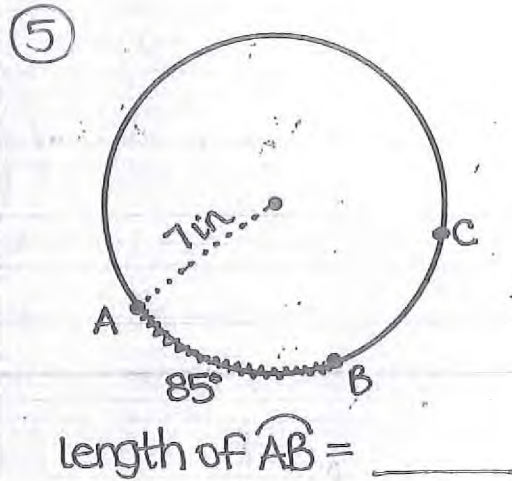
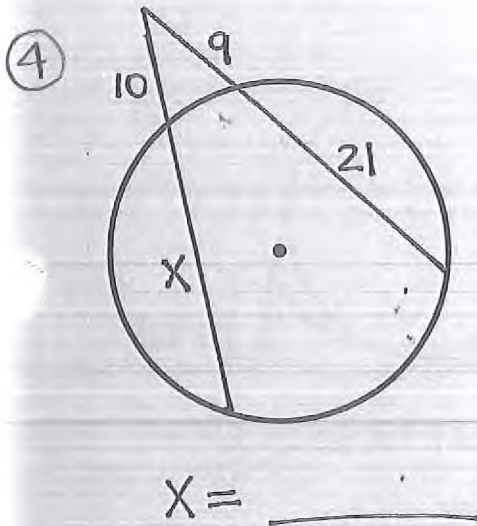
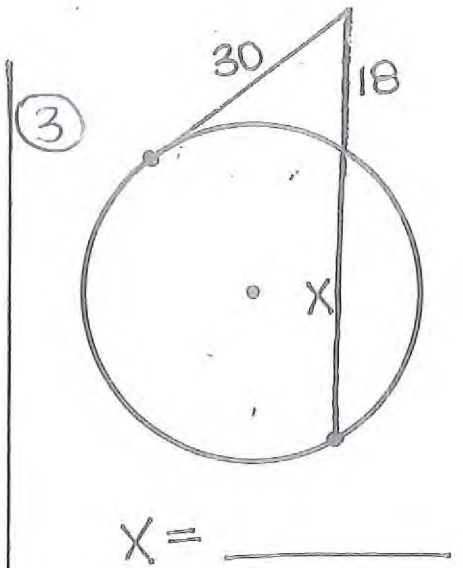
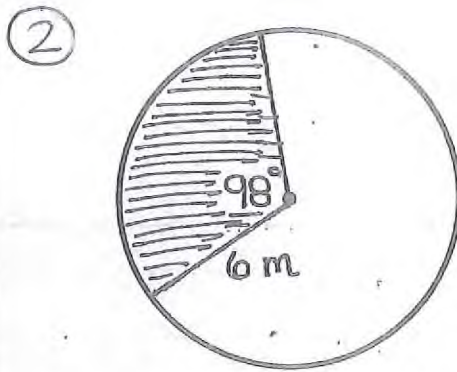
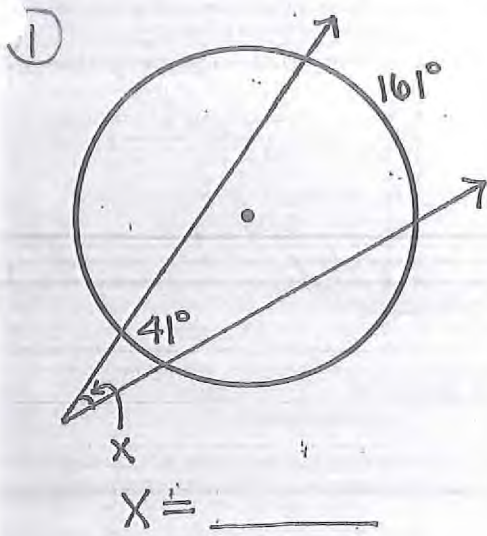
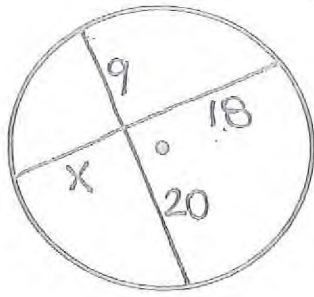


# Unit 3 Practice #2

Round to the nearest tenth.

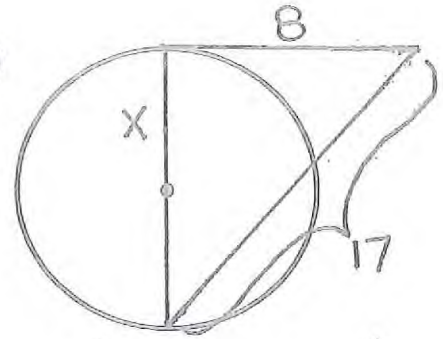


8



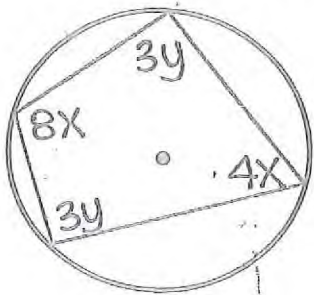
$X = \underline{\hspace{2cm}}$

9



$X = \underline{\hspace{2cm}}$

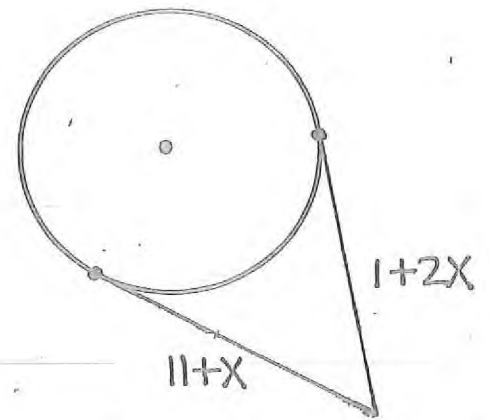
10



$X = \underline{\hspace{2cm}}$

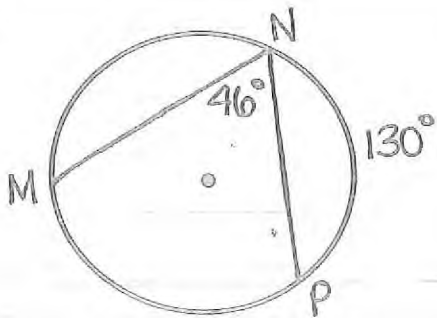
$y = \underline{\hspace{2cm}}$

11



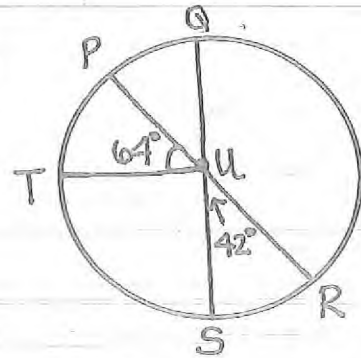
$X = \underline{\hspace{2cm}}$

12



$m\widehat{MN} = \underline{\hspace{2cm}}$

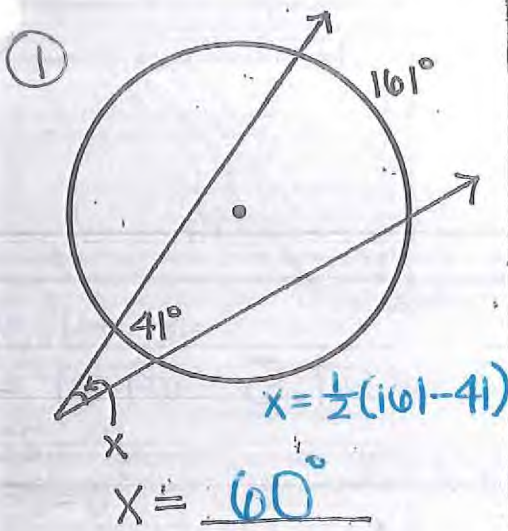
13



$m\angle TUS = \underline{\hspace{2cm}}$   
 $m\widehat{TQR} = \underline{\hspace{2cm}}$

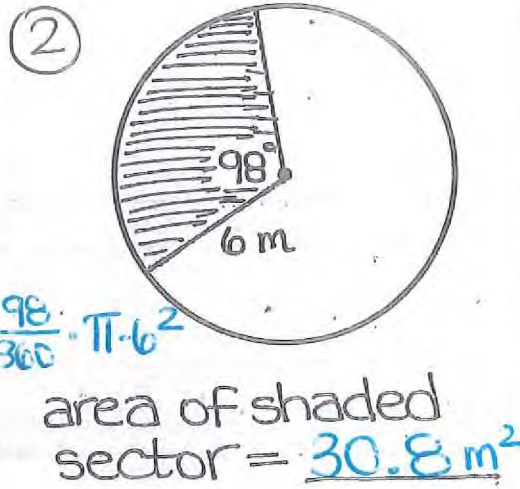
# Unit 3 Practice #2

Round to the nearest tenth.

① 

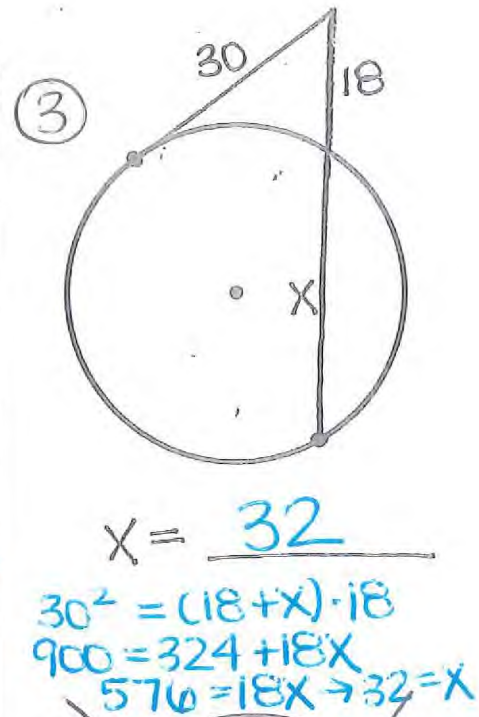
$$x = \frac{1}{2}(161 - 41)$$

$$x = 60^\circ$$

② 

$$\frac{98}{360} \cdot \pi \cdot 6^2$$

area of shaded sector = 30.8 m<sup>2</sup>

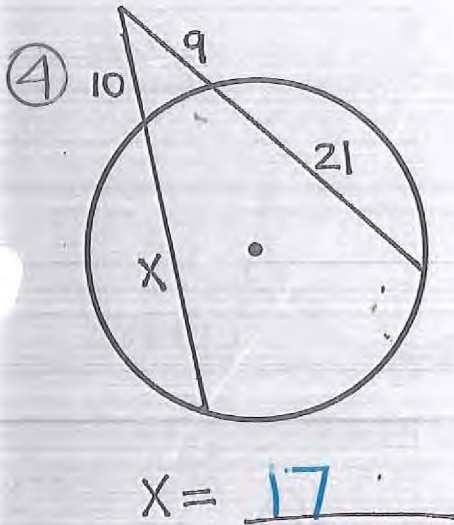
③ 

$$x = 32$$

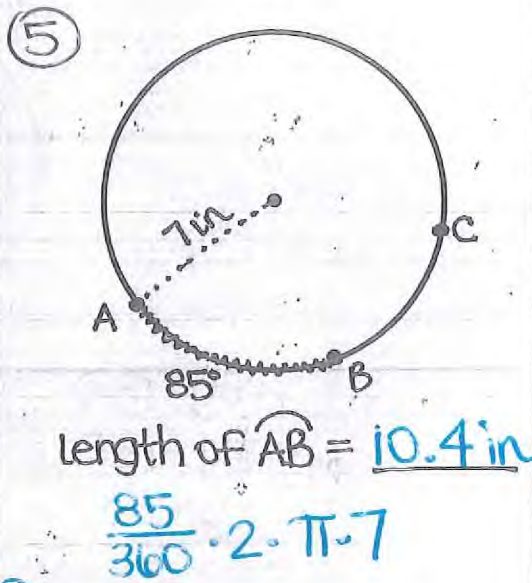
$$30^2 = (18 + x) \cdot 18$$

$$900 = 324 + 18x$$

$$576 = 18x \rightarrow 32 = x$$

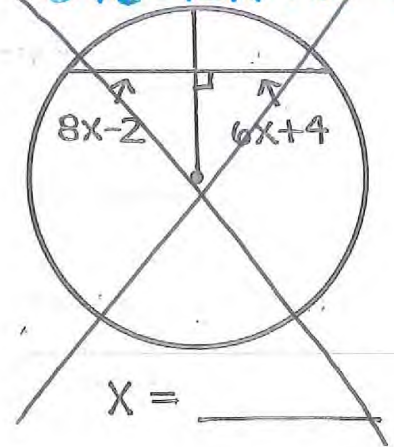
④ 

$$x = 17$$

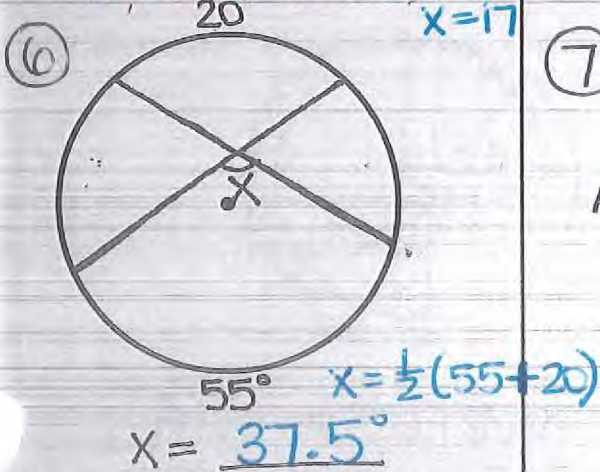
⑤ 

length of  $\widehat{AB}$  = 10.4 in

$$\frac{85}{360} \cdot 2 \cdot \pi \cdot 7$$

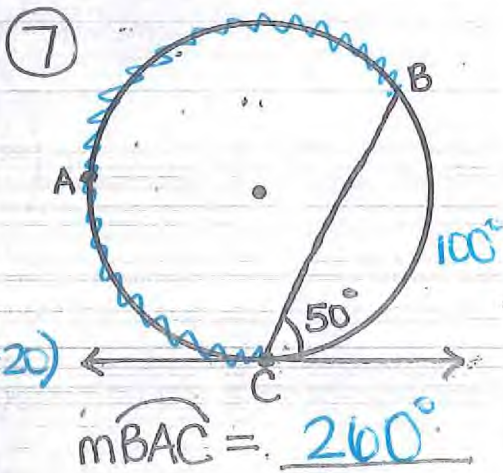
~~⑥ ~~

$$x = \underline{\hspace{2cm}}$$

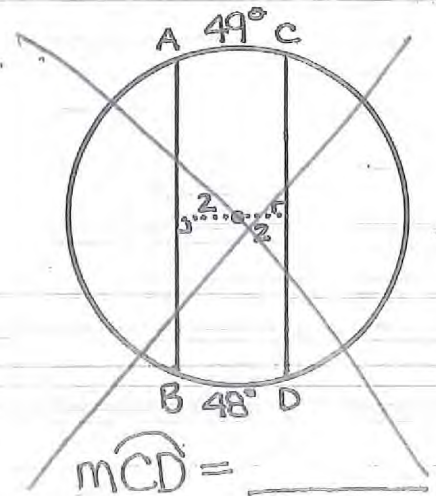
⑥ 

$$x = \frac{1}{2}(55 + 20)$$

$$x = 37.5^\circ$$

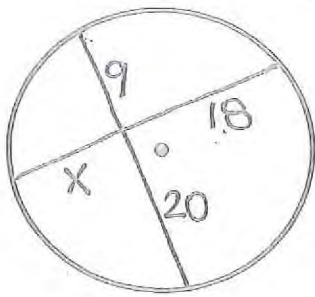
⑦ 

$m\widehat{BAC} = 260^\circ$

~~⑧ ~~

$$m\widehat{CD} = \underline{\hspace{2cm}}$$

8



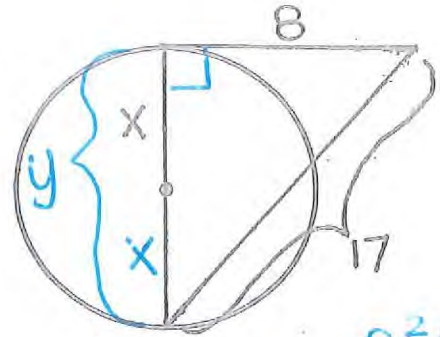
$X = \underline{10}$

$9 \cdot 20 = 18 \cdot X$

$180 = 18X$

$10 = X$

9



$X = \underline{7.5}$

$y = x + x$

$15 = 2x$

$7.5 = x$

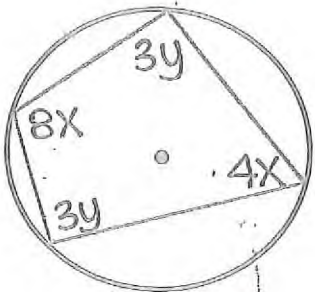
$8^2 + y^2 = 17^2$

$64 + y^2 = 289$

$y^2 = 225$

$y = 15$

10



$X = \underline{15}$

$y = \underline{30}$

$8x + 4x = 180$

$12x = 180$

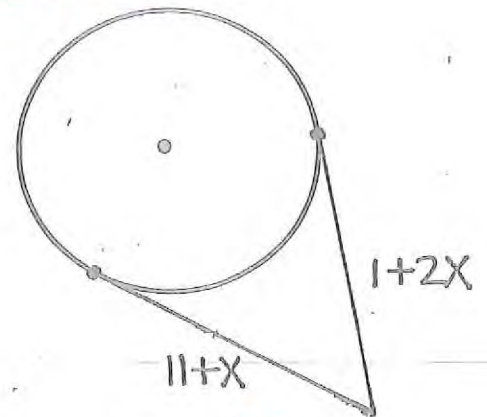
$x = 15$

$3y + 3y = 180$

$6y = 180$

$y = 30$

11

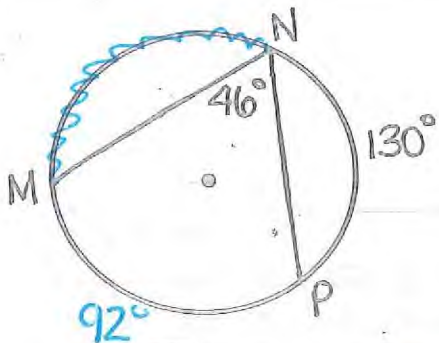


$X = \underline{10}$

$11 + x = 1 + 2x$

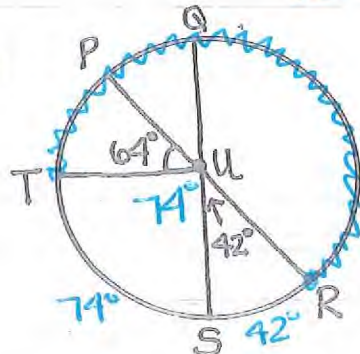
$10 = x$

12



$m\widehat{MN} = \underline{138^\circ}$

13



$m\angle TUS = \underline{74^\circ}$

$m\widehat{TQR} = \underline{244^\circ}$