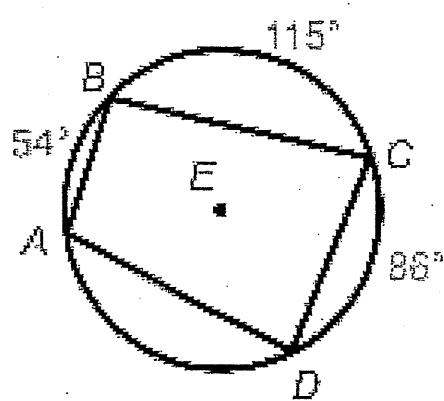


Chapter 3A Review

1. Quadrilateral $ABCD$ is inscribed in $\odot E$



Find :

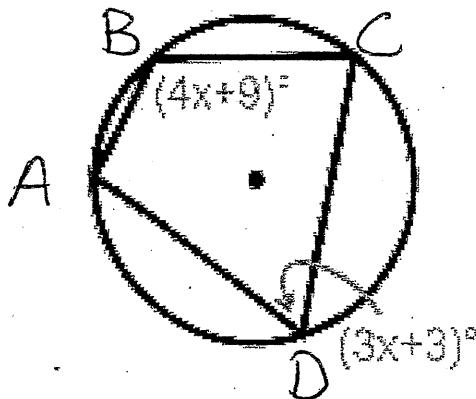
a) $m\angle A =$

b) $m\angle B =$

c) $m\angle C =$

d) $m\angle D =$

- 2.



Find :

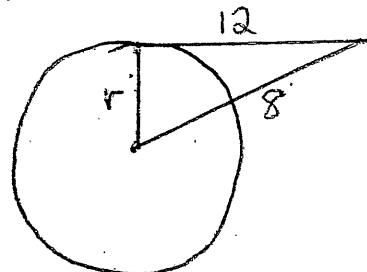
a) $m\angle B$

b) $m\angle D$

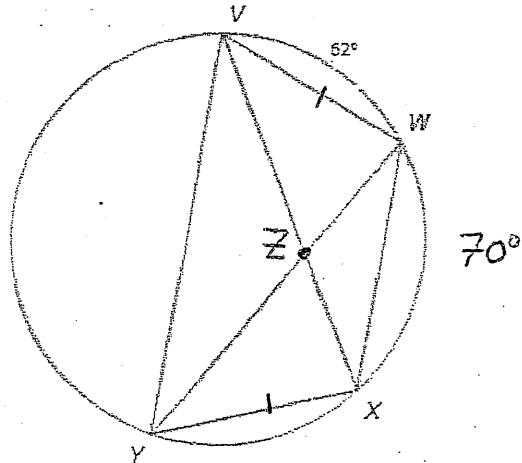
c) Find $m\widehat{ADC}$

d) Find $m\widehat{ABC}$

3. Find r :



3. Fill in all arcs and angle measures.

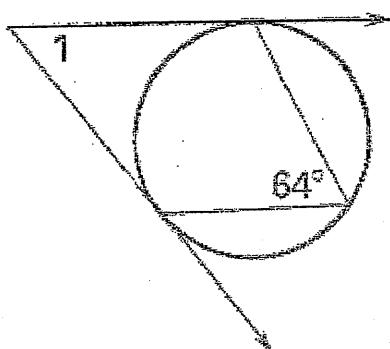


a. Find $m\angle VZW$ _____

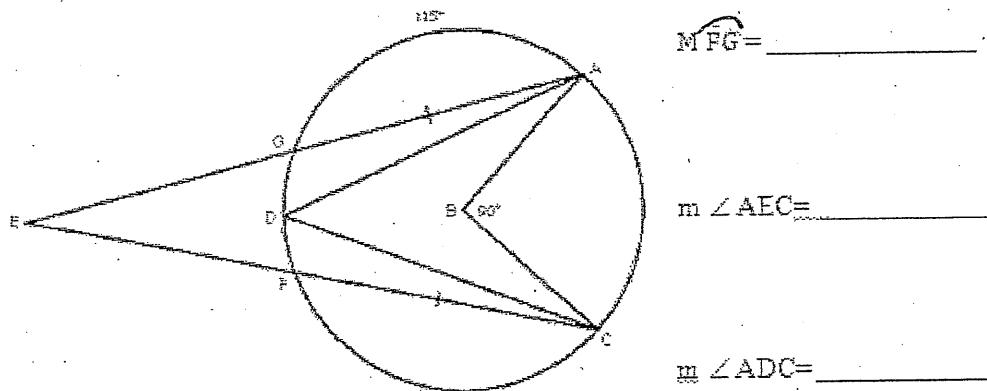
b. Find $m\overarc{WX}$ 70°

c. Find $m\widehat{VY}$ _____

d. Find $m\angle WYX$ _____



Find $m\angle 1$ _____

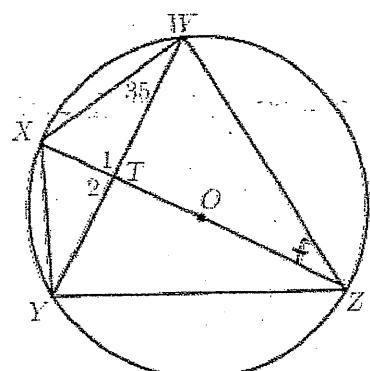


$m\angle FGC =$ _____

$m\angle AEC =$ _____

$m\angle ADC =$ _____

Given circle with centre O. $\overline{WT} = \overline{TY}$ and $\widehat{XWT} = 35^\circ$



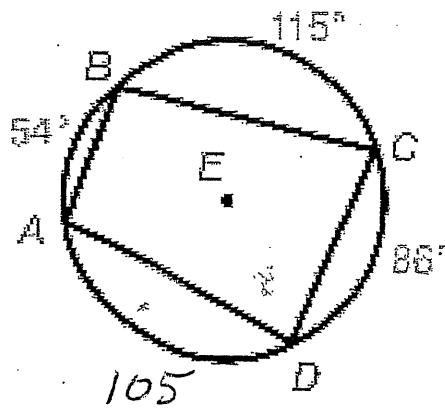
$m\angle 1 =$ _____ $m\angle 2 =$ _____

$m\angle f =$ _____ $m\angle WYZ =$ _____

Chapter 3A Review

Key

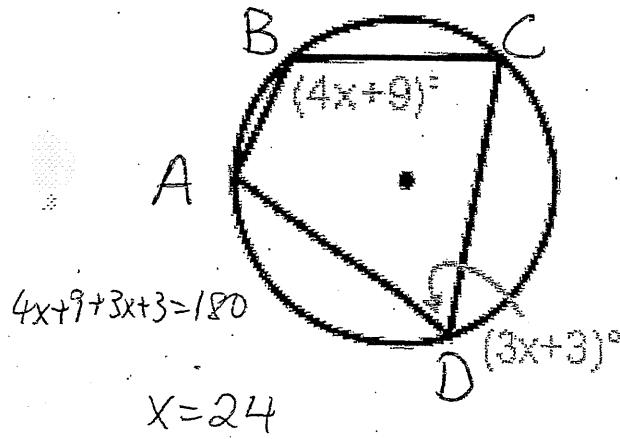
1. Quadrilateral ABCD is inscribed in $\odot E$



Find:

- $m\angle A = 100.5$
- $m\angle B = 95.5$
- $m\angle C = 79.5$
- $m\angle D = 84.5$

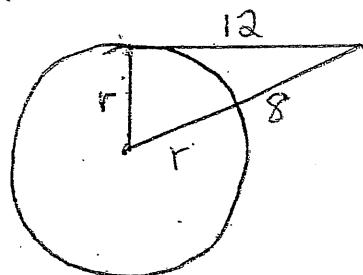
2.



Find:

- $m\angle B = 165$
- $m\angle D = 75$
- Find $m \widehat{ADC} = 210$
- Find $m \widehat{ABC} = 150^\circ$

3. Find r

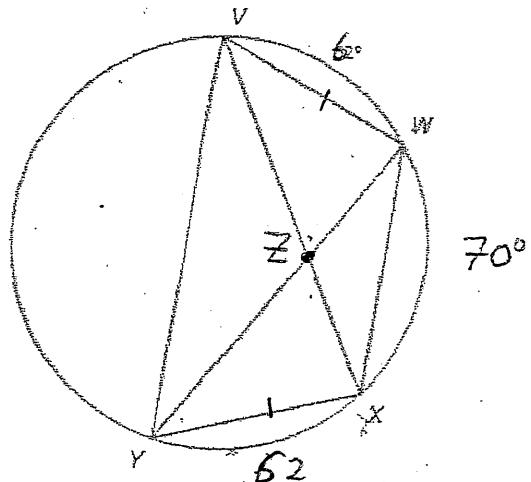


$$r^2 + 12^2 = (r+8)^2$$

$$r=5$$

3. Fill in all arcs and angle measures.

166

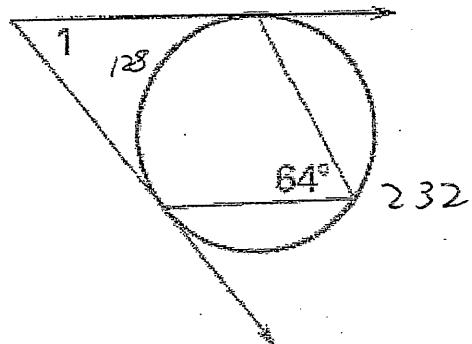


a. Find $m\angle VZW$ 62

b. Find $m\overarc{WX}$ 70°

c. Find $m\overarc{VY}$ 166

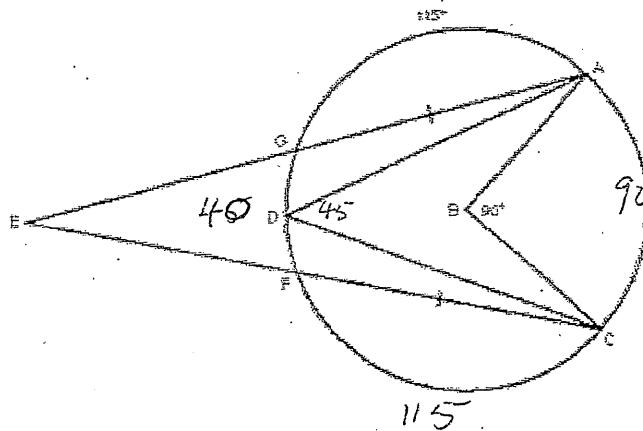
d. Find $m\angle WYX$ 35



Find $m\angle I$

$$m\angle I = \frac{1}{2}(232 - 128)$$

$m\angle I = 52^\circ$

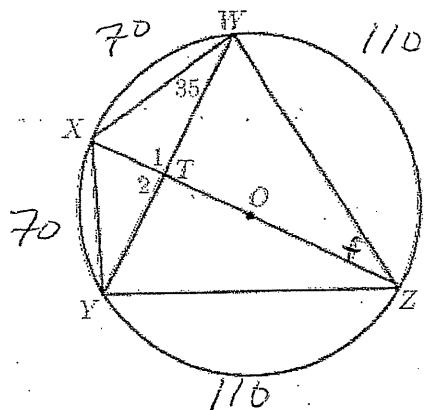


$m\angle FGC = 40^\circ$

$m\angle AEC = 25$

$m\angle ADC = 45$

Given circle with center O. $\overline{WT} = \overline{TY}$ and $\overarc{XWT} = 35^\circ$



$m\angle I = 90^\circ$ $m\angle 2 = 90^\circ$

$m\angle f = 70$ $m\angle WYZ = 55$