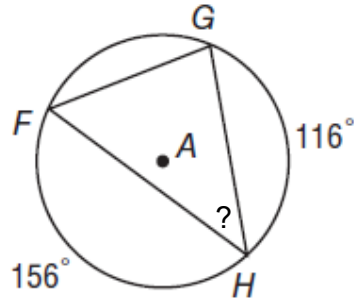


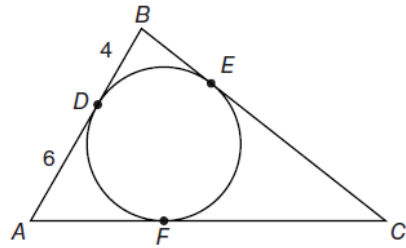
Section 5 Prep

What is $m\angle FHG$?

- A 88°
- B 64°
- C 44°
- D 32°



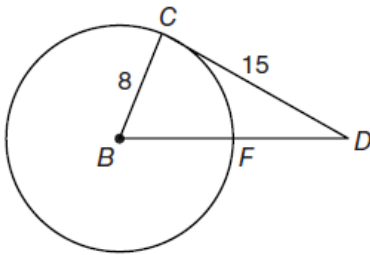
Triangle ABC is circumscribed about the circle. In the figure, $AD = 6$, $DB = 4$, and the perimeter of $\triangle ABC$ is 40.



What is the length of \overline{FC} ?

- A 10
- B 15
- C 20
- D 30

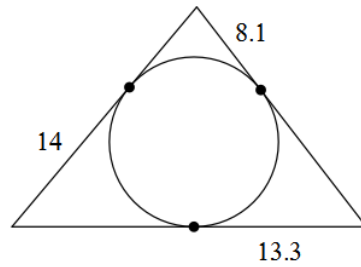
In the figure below, \overline{CD} is tangent to circle B at point C .



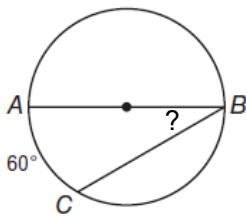
What is the length of \overline{FD} ?

- A 7
- B 8
- C 9
- D 17

Find perimeter

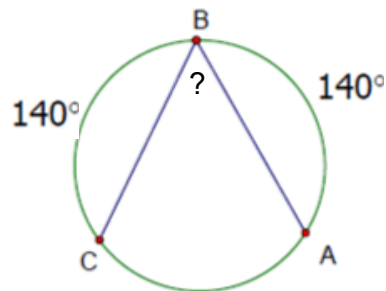


- A) 47.1
- B) 45.7
- C) 70.8
- D) 58.6
- E) 47.2



What is the measure of $\angle ABC$?

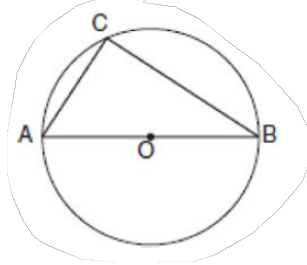
- A 15°
- B 30°
- C 60°
- D 120°



- (A) 40
- (B) 80
- (C) 140
- (D) 280

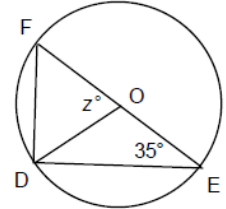
What is the number of degrees in $m\angle C$?

- A) 30
- B) 45
- C) 60
- D) 90



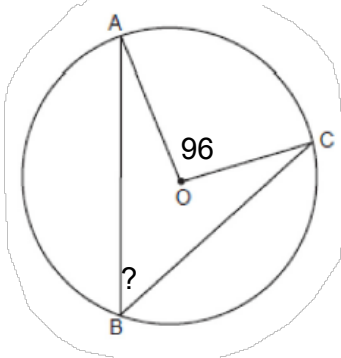
O is the centre of this circle. Determine the value of z° .

- a. 55°
- b. 110°
- c. 90°
- d. 70°



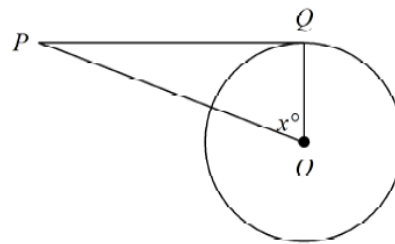
What is $m\angle ABC$?

- A) 32
- B) 48
- C) 96
- D) 192

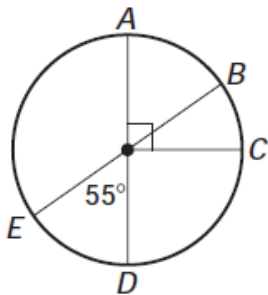


find x.

$m\angle P = 29$



- a. 119
- b. 61
- c. 30.5
- d. 58

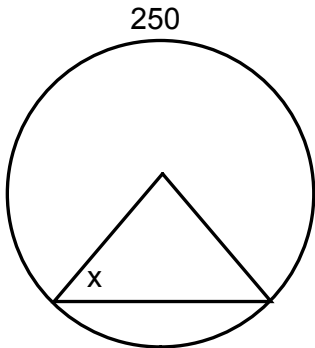


. Multiple Choice Find $m\widehat{CAE}$.

- A) 180°
- B) 125°
- C) 145°
- D) 215°
- E) 300°

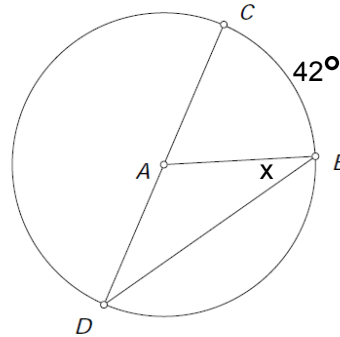
. Multiple Choice Find $m\widehat{BC}$.

- A) 55°
- B) 90°
- C) 35°
- D) 110°
- E) 125°



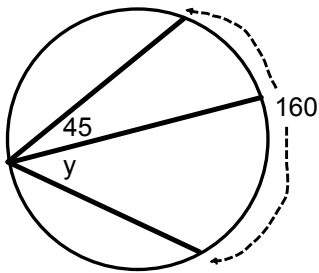
- A. 20
- B. 40
- C. 35
- D. 55

Find angle x



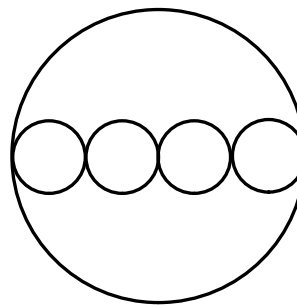
- A. 21
- B. 42
- C. 68
- D. 138

what is angle y?



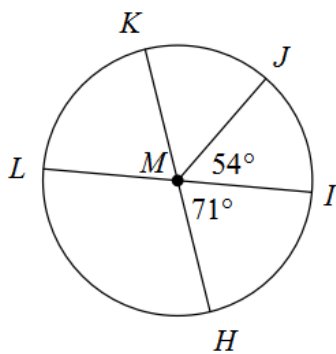
- A. 35
- B. 45
- C. 50
- D. 55
- E. 80

The radius of the small triangles is 4 cm.
What is the area of the big circle?

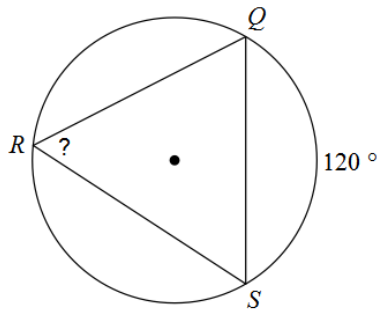


- A. 50.24
- B. 200.96
- C. 401.64
- D. 803.84

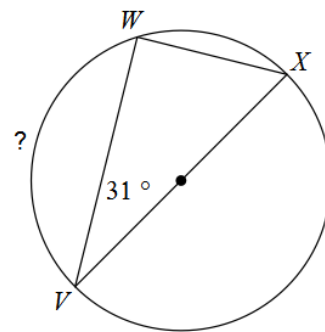
$m\angle KMI$



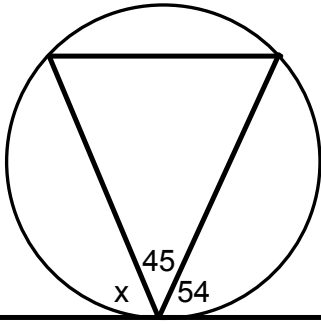
- A) 113°
- B) 126°
- C) 125°
- D) 109°
- E) 105°



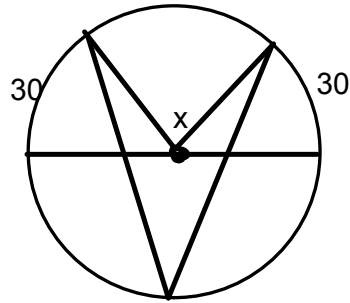
- A) 75°
- B) 60°
- C) 42°
- D) 89°
- E) 38°



- A) 175°
- B) 151°
- C) 118°
- D) 156°
- E) 166°

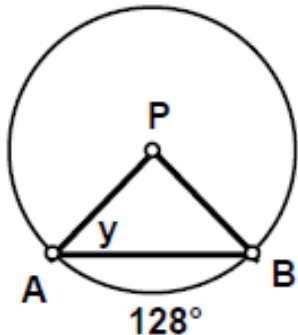


- A. 45
- B. 54
- C. 81
- D. 96
- E. 162

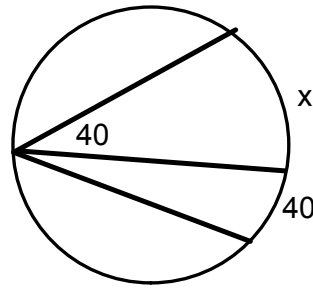


- A. 15
- B. 30
- C. 60
- D. 120

Find sector area

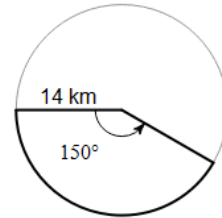


- A. 128
- B. 52
- C. 26



- A. 20
- B. 40
- C. 80
- D. 120

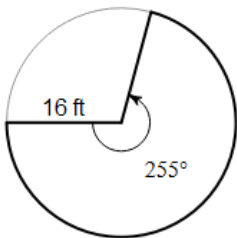
11)



- A) 44.0 km²
- B) 12.6 km²
- C) 36.7 km²
- *D) 256.6 km²

Find sector area

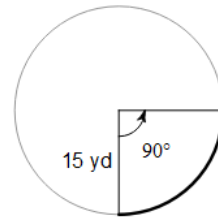
16)



- A) 100.5 ft²
- *B) 569.7 ft²
- C) 71.2 ft²
- D) 20.0 ft²

Find arc length

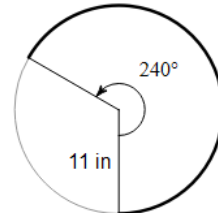
1)



- *A) 23.6 yd
- B) 176.7 yd
- C) 636.2 yd
- D) 16.5 yd

Find arc length

3)



- A) 945.1 in
- B) 8.9 in
- C) 17.8 in
- *D) 46.1 in