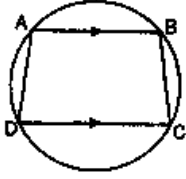


1.

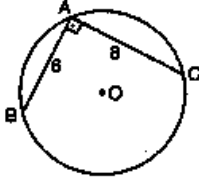


Şekildeki çemberde
 $[AB] \parallel [DC]$
 $|AD| = (2x + 3)$ cm
 $|BC| = (3x)$ cm

Yukarıdaki verilere göre, x kaç cm dir?

- A) 1 B) 2 C) 2,5 D) 3 E) 4

2.

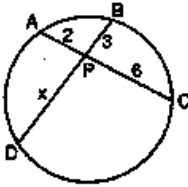


O çemberin merkezi
 $[BA] \perp [AC]$
 $|AB| = 6$ cm
 $|AC| = 8$ cm

Yukarıdaki verilere göre, çemberin yarıçapı kaç cm dir?

- A) 3 B) 4 C) 5 D) 6 E) 8

3.

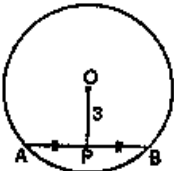


$[AC]$ ve $[BD]$ birer kırıg
 $|AP| = 2$ cm
 $|BP| = 3$ cm
 $|PC| = 6$ cm

Yukarıdaki verilere göre, $|DP| = x$ kaç cm dir?

- A) 2 B) $\frac{5}{2}$ C) 3 D) $\frac{7}{2}$ E) 4

4.

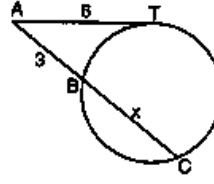


O çemberin merkezi
 $|AP| = |PB|$
 $|OP| = 3$ cm
 $|AB| = 6$ cm

Yukarıdaki verilere göre, çemberin yarıçapı kaç cm dir?

- A) 3 B) $3\sqrt{2}$ C) 5 D) $3\sqrt{5}$ E) 8

5.

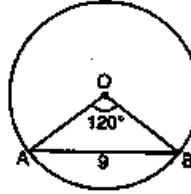


$[AT]$ T noktasında
 çembere teğet
 $|AT| = 6$ cm
 $|AB| = 3$ cm
 $|BC| = x$

Yukarıdaki verilere göre, $|BC| = x$ kaç cm dir?

- A) 9 B) 10 C) 12 D) 15 E) 18

6.

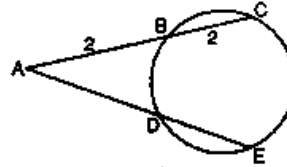


O çemberin merkezi
 $m(\angle AOB) = 120^\circ$
 $|AB| = 9$ cm

Yukarıdaki verilere göre, çemberin yarıçapı kaç cm dir?

- A) $\sqrt{3}$ B) $2\sqrt{3}$ C) $3\sqrt{3}$ D) $4\sqrt{3}$ E) 3

7.

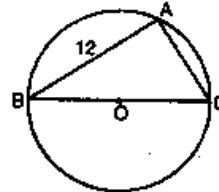


$|AB| = 2$ cm
 $|AE| = 3$ cm
 $|BC| = 2$ cm

Yukarıdaki verilere göre, AD uzunluğu kaç cm dir?

- A) $\frac{4}{3}$ B) $\frac{5}{3}$ C) $\frac{7}{3}$ D) $\frac{8}{3}$ E) $\frac{10}{3}$

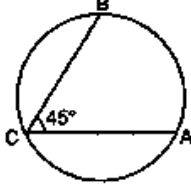
8.

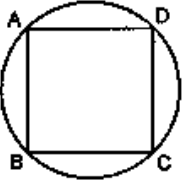


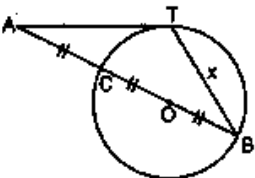
Şekildeki
 $[BC]$ çaplı çemberde
 $m(\angle A) = 120^\circ$
 $|AB| = 12$ cm

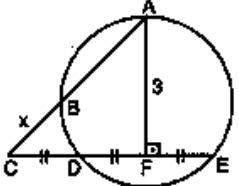
Yukarıdaki verilere göre, BC çap uzunluğu kaç cm dir?

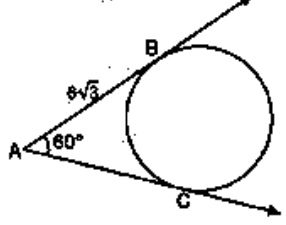
- A) $4\sqrt{3}$ B) $4\sqrt{5}$ C) $6\sqrt{3}$ D) $8\sqrt{5}$ E) $8\sqrt{3}$

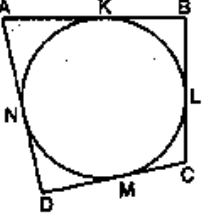
9.  Şekildeki yarıçapı 6 cm olan çemberde $m(\widehat{BCA}) = 45^\circ$
- Yukarıdaki verilere göre, AB yay uzunluğu kaç cm dir?
- A) 3π B) 4π C) 5π D) 6π E) 8π

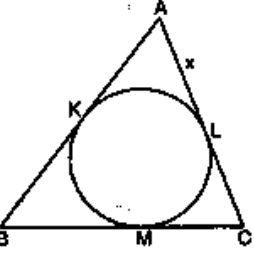
10.  ABCD kare
A, B, C, D çember üzerindedir.
- Çevresi $4\sqrt{2}\pi$ cm olan çemberin içine çizilen karenin bir kenarı kaç cm dir?
- A) 2 B) 3 C) 4 D) 5 E) 6

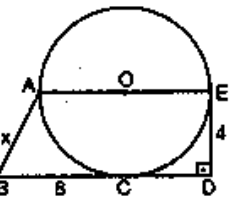
11.  O çemberin merkezi
T teğetin değme noktası
 $|AC| = |CO| = |OB| = 2$ cm
- Yukarıdaki verilere göre, $|TB| = x$ kaç cm dir?
- A) 2 B) $2\sqrt{3}$ C) 3 D) $4\sqrt{2}$ E) 6

12.  $|AF| \perp |CE|$
 $|CD| = |DF| = |FE| = 2$ cm
 $|AF| = 3$ cm
- Yukarıdaki verilere göre, $|CB| = x$ kaç cm dir?
- A) $\frac{8}{5}$ B) 2 C) $\frac{12}{5}$ D) 3 E) $\frac{18}{5}$

13.  B ve C teğetlerin değme noktaları
 $m(\widehat{BAC}) = 60^\circ$
 $|AB| = 6\sqrt{3}$ cm
- Şekildeki verilere göre, çemberin yarıçapı kaç cm dir?
- A) 3 B) 4 C) 5 D) 6 E) 8

14.  ABCD dörtgeni
K, L, M, N noktalarında çembere teğettir.
 $|AB| + |DC| = 8$ cm
- Yukarıdaki verilere göre, $|BC| + |AD|$ kaç cm dir?
- A) 4 B) 6 C) 8 D) 10 E) 16

15.  ABC üçgeni
K, L, M teğet noktaları
 $\widehat{C(ABC)} = 18^\circ$
 $|BC| = 7$ cm
- Yukarıdaki verilere göre, $|AL| = x$ kaç cm dir?
- A) 1 B) $\frac{3}{2}$ C) $\frac{4}{3}$ D) 2 E) 4

16.  O çemberin merkezi
E ve C teğet noktaları
 $|ED| \perp |BD|$
 $|ED| = 4$ cm
 $|BC| = 8$ cm
- Yukarıdaki verilere göre, $|AB| = x$ kaç cm dir?
- A) 2 B) $2\sqrt{2}$ C) $3\sqrt{2}$ D) $3\sqrt{3}$ E) $4\sqrt{2}$

YANITLAR

1-D 2-C 3-E 4-B 5-A 6-C 7-D 8-E 9-A 10-C 11-B 12-C 13-D 14-C 15-D 16-E