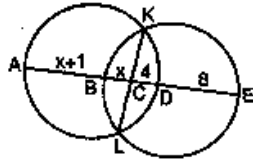


ÇEMBERDE UZUNLUK TEST-3

1.

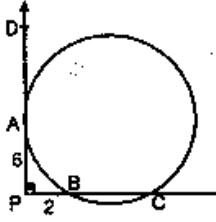


A, B, C, D ve E doğrusal  
[KL] ortak kiriş  
[CD] = 4 cm  
[DE] = 8 cm  
[BC] = x cm  
[AB] = (x + 1) cm

Yukarıdaki verilere göre, [AE] kaç cm dir?

- A) 13 B) 13,5 C) 15 D) 15,5 E) 17

2.

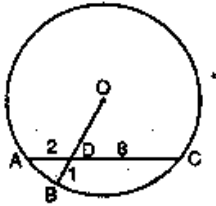


[PD] çembere  
A noktasında teğet  
[AP] ⊥ [PC]  
[PA] = 6 cm  
[PB] = 2 cm

Yukarıdaki verilere göre, çemberin yarıçapı kaç cm dir?

- A) 8 B) 9 C) 10 D) 11 E) 12

3.

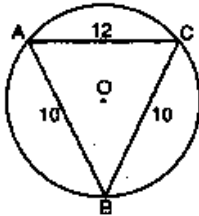


O çemberin merkezi  
[AD] = 2 cm  
[BD] = 1 cm  
[DC] = 8 cm

Yukarıdaki verilere göre, çemberin yarıçapı kaç cm dir?

- A)  $\frac{11}{2}$  B)  $\frac{13}{2}$  C)  $\frac{15}{2}$  D)  $\frac{17}{2}$  E)  $\frac{14}{2}$

4.

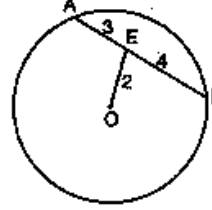


[AB] = [BC] = 10 cm  
[AC] = 12 cm

Yukarıdaki verilere göre, çemberin yarıçapı kaç cm dir?

- A)  $\frac{24}{5}$  B)  $\frac{25}{4}$  C)  $\frac{23}{5}$  D)  $\frac{23}{4}$  E)  $\frac{22}{5}$

5.

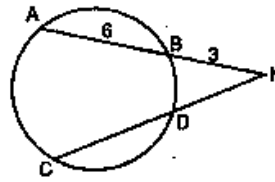


O çemberin merkezi  
[OE] = 2 cm  
[AE] = 3 cm  
[EB] = 4 cm

Yukarıdaki verilere göre, çemberin yarıçapı kaç cm dir?

- A) 4 B) 5 C) 6 D) 7 E) 7.5

6.

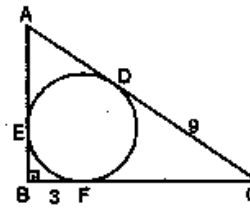


[AB] = 6 cm  
[BK] = 3 cm  
 $\frac{[KD]}{[CD]} = \frac{1}{9}$

Yukarıdaki verilere göre, [KC] kaç cm dir?

- A)  $\frac{3\sqrt{3}}{2}$  B)  $\frac{4\sqrt{3}}{3}$  C)  $5\sqrt{3}$  D)  $6\sqrt{3}$  E)  $9\sqrt{3}$

7.

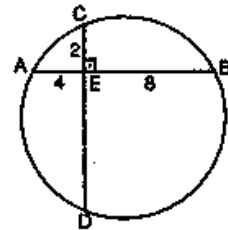


ABC dik üçgeninin  
iç teğet çemberi çizilmiştir.  
[BF] = 3 cm  
[CD] = 9 cm

Yukarıdaki verilere göre, A(ABC) kaç cm<sup>2</sup> dir?

- A) 30 B) 36 C) 42 D) 48 E) 54

8.



[AB] ⊥ [CD]  
[AE] = 4 cm  
[EB] = 8 cm  
[EC] = 2 cm

Yukarıdaki verilere göre, bu çemberin yarıçapı kaç cm dir?

- A)  $\sqrt{85}$  B)  $\frac{\sqrt{85}}{2}$  C)  $2\sqrt{13}$  D)  $2\sqrt{17}$  E)  $5\sqrt{17}$

