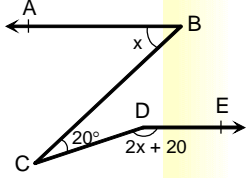


Genel Tekrar

Geometri 09

1.

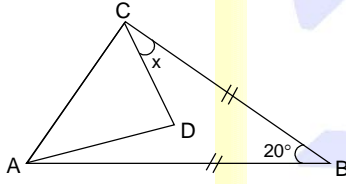


[BA // [DE,

$m(\hat{A}BC) = x$, $m(\hat{B}CD) = 20^\circ$, $m(\hat{C}DE) = 2x + 20$
 $x = ?$ kaç derecedir?

- A) 40 B) 50 C) 60 D) 70 E) 80

2.



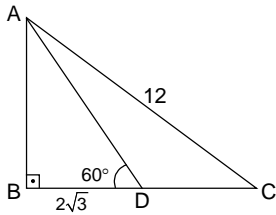
$|AB| = |BC|$

$\hat{A}CD$ eşkenar üçgen $m(\hat{A}BC) = 20^\circ$

$m(\hat{D}CB) = ?$

- A) 5 B) 10 C) 15 D) 20 E) 25

3.



$[AB] \perp [BC]$

$m(\hat{B}DA) = 60^\circ$

$|BD| = 2\sqrt{3}$ cm

$|AC| = 12$ cm

$|DC| = ?$

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

4.

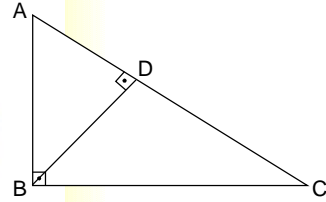
$X = 22^\circ 42' 38''$ veriliyor.

$X + Y = 90$

$Y = ?$

- A) $67^\circ 17' 22''$ B) $67^\circ 18' 22''$ C) $69^\circ 18' 22''$
 D) $68^\circ 17' 22''$ E) $68^\circ 18' 22''$

5.



$m(\hat{A}BC) = 90^\circ$

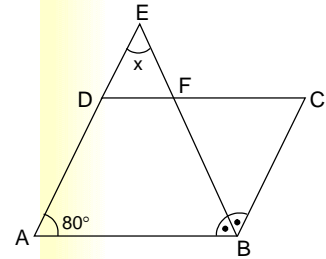
$[BD] \perp [AC]$

$|DC| = 4 \cdot |AD|$ ve $|AB| = 10$ cm

$|BD| = ?$

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

6.



$[DC] // [AB]$ ve $[AD] // [BC]$

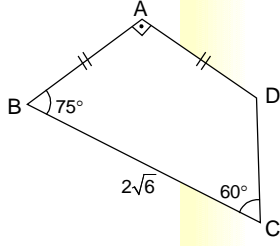
$[BE]$ açıortay A, D, E doğrusaldır.

$m(\hat{B}AD) = 80^\circ$

$m(\hat{A}EB) = x = ?$

- A) 40 B) 50 C) 55 D) 60 E) 65

7.



$$[AB] \perp [AD]$$

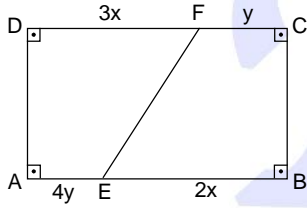
$$|AB| = |AD|$$

$$m(\widehat{ABC}) = 75^\circ \text{ ve } m(\widehat{DCB}) = 60^\circ$$

$$|AB| = ?$$

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

8.

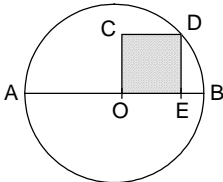


$$|AE| = 4y, |EB| = 2x, |DF| = 3x, |FC| = y$$

$$\frac{A(\text{AEFD})}{A(\text{EBCF})} = ?$$

- A) $\frac{13}{7}$ B) $\frac{7}{13}$ C) $\frac{5}{4}$ D) $\frac{4}{5}$ E) $\frac{7}{8}$

9.



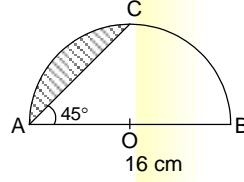
Şekilde $[AB]$ çaplı dairenin Alanı $72\pi \text{ cm}^2$ dir. O daire merkezi D ise \widehat{AB} yayı üzerindedir.

OEDC kare

$$\text{Alan}(\text{OEDC}) = ? \text{ cm}^2$$

- A) 24 B) 28 C) 32 D) 36 E) 38

10.



Şekilde, $[AB]$ çaplı yarım daire üzerinde C noktası verilmiştir. $|AB| = 16 \text{ cm}$

$m(\widehat{OAC}) = 45^\circ$ Olduğuna göre, taralı bölgenin alanı kaç cm^2 dir? ($\pi = 3$ alınız.)

- A) 16 B) 24 C) 32 D) 48 E) 64

$$11. \quad y - 3x + 18 = 0$$

Doğrusu ile x ve y eksenleri arasında kalan alan kaç br^2 dir?

- A) 27 B) 38 C) 54 D) 58 E) 62

12.

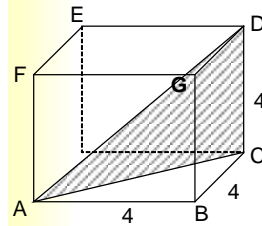
$$y - 4x + 20 = 0$$

$$y + 4x - 20 = 0$$

Doğruları ile y eksenini kestiği noktalar arasında kalan kapalı bölgenin alanı kaç br^2 olur?

- A) 80 B) 100 C) 120 D) 140 E) 160

13.



Şekildeki küpün bir kenarı 4 cm dir.

$$A(\text{ACD}) = x \text{ cm}^2$$

$$x = ?$$

- A) 8 B) $8\sqrt{2}$ C) $16\sqrt{3}$ D) $32\sqrt{6}$ E) $48\sqrt{3}$

1	2	3	4	5	6	7	8	9	10	11	12	13
C	D	C	A	D	B	C	A	D	A	C	B	B