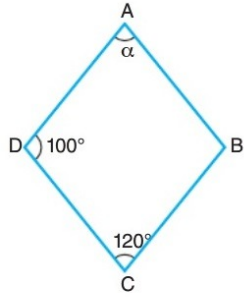


## 10.Sınıf Matematik Deltoid Tarama Soruları

1.



ABCD deltoid

$$|AB| = |AD|$$

$$|BC| = |CD|$$

$$m(\widehat{ADC}) = 100^\circ$$

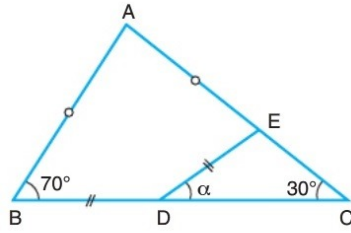
$$m(\widehat{BCD}) = 120^\circ$$

$$m(\widehat{BAD}) = \alpha$$

Yukarıdaki verilere göre,  $\alpha$  kaç derecedir?

- A) 20      B) 30      C) 40      D) 50      E) 60

2.



ABC bir üçgen

$$|AB| = |AE|$$

$$|BD| = |DE|$$

$$m(\widehat{ABC}) = 70^\circ$$

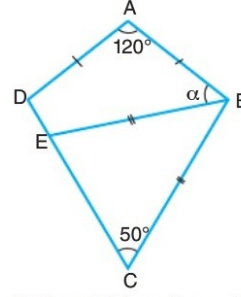
$$m(\widehat{ACB}) = 30^\circ$$

$$m(\widehat{EDC}) = \alpha$$

Yukarıdaki verilere göre,  $\alpha$  kaç derecedir?

- A) 10      B) 20      C) 30      D) 40      E) 50

3.



ABCD deltoid

$$|AD| = |AB|$$

$$|BE| = |BC|$$

$$m(\widehat{BAD}) = 120^\circ$$

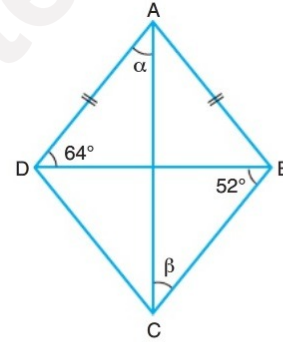
$$m(\widehat{BCE}) = 50^\circ$$

$$m(\widehat{ABE}) = \alpha$$

Yukarıdaki verilere göre,  $\alpha$  kaç derecedir?

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

4.



ABCD deltoid

[AC] ve [BD] köşegen

$$|AD| = |AB|$$

$$m(\widehat{BDA}) = 64^\circ$$

$$m(\widehat{CBD}) = 52^\circ$$

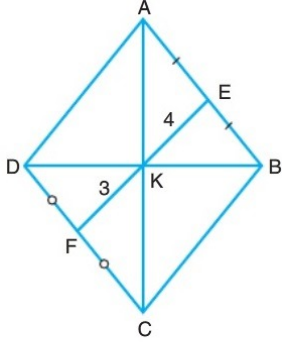
$$m(\widehat{CAD}) = \alpha$$

$$m(\widehat{BCA}) = \beta$$

Yukarıdaki verilere göre,  $\beta - \alpha$  farkı kaç derecedir?

- A) 10      B) 12      C) 14      D) 16      E) 18

5.



ABCD deltoid

$$[BD] \cap [AC] = \{K\}$$

$$|AE| = |BE|$$

$$|DF| = |FC|$$

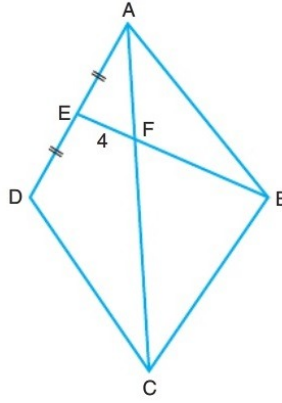
$$|KE| = 4 \text{ cm}$$

$$|KF| = 3 \text{ cm}$$

Yukarıdaki verilere göre,  $\angle(ABCD)$  kaç cm dir?

- A) 22 B) 24 C) 26 D) 28 E) 30

6.



ABCD deltoid

$$|AD| = |AB|$$

$$|AE| = |ED|$$

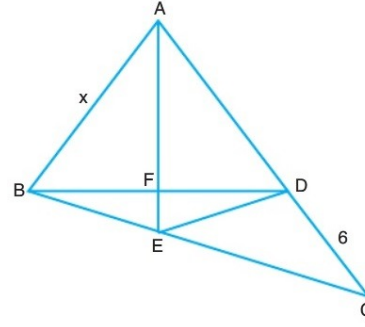
$$[BE] \cap [AC] = \{F\}$$

$$|FE| = 4 \text{ cm}$$

Yukarıdaki verilere göre,  $|BF|$  kaç cm dir?

- A) 5 B) 6 C) 7 D) 8 E) 9

7.



ABED deltoid

 $[AE]$  ve  $[BD]$  köşegen

$$[BD] \cap [AE] = \{F\}$$

$$|BE| = |DE|$$

$$3|BE| = |CE|$$

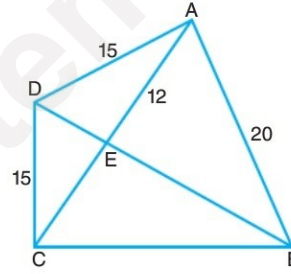
$$|CD| = 6 \text{ cm}$$

$$|AB| = x \text{ cm}$$

Yukarıdaki verilere göre, x kaç cm dir?

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

8.



ABCD deltoid

 $[AC]$  ve  $[BD]$  köşegen

$$|CD| = |AD| = 15 \text{ cm}$$

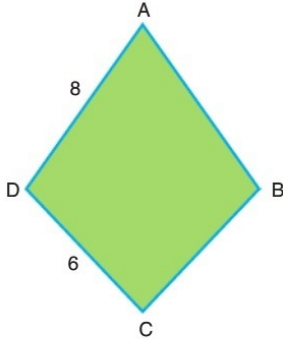
$$|AE| = 12 \text{ cm}$$

$$|AB| = 20 \text{ cm}$$

Yukarıdaki verilere göre,  $A(ABCD)$  kaç  $\text{cm}^2$  dir?

- A) 150 B) 200 C) 250 D) 300 E) 350

9.



ABCD deltoid

$$m(\widehat{BAD}) + m(\widehat{BCD}) = 60^\circ$$

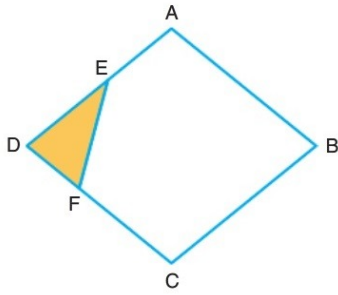
$$|AD| = 8 \text{ cm}$$

$$|CD| = 6 \text{ cm}$$

Yukarıdaki verilere göre,  $A(ABCD)$  kaç  $\text{cm}^2$  dir?

- A) 24      B) 36      C) 40      D) 44      E) 48

10.



ABCD deltoid

$$|AD| = |AB|$$

$$2|DF| = |FC|$$

$$|AE| = |DE|$$

$$A(\widehat{EDF}) = 3 \text{ cm}^2$$

Yukarıdaki verilere göre,  $A(ABCD)$  kaç  $\text{cm}^2$  dir?

- A) 20      B) 28      C) 36      D) 40      E) 44

