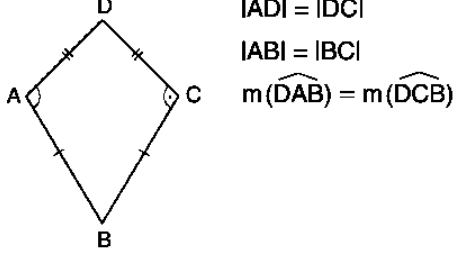


# Deltoid

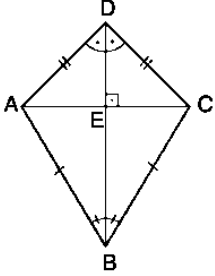
## Konu Özeti Konu Kavrama Soruları

Köşegenlerinden biri, iki ikizkenar üçgenin ortak tabanını alanı dörtgene deltoid denir.

Kare ve eşkenar dörtgen özel birer deltoiddir.

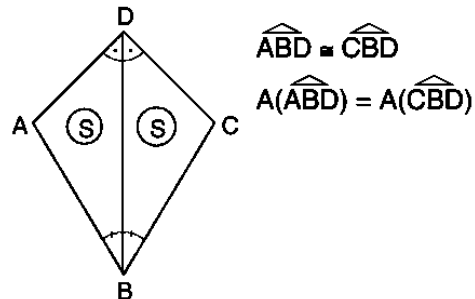
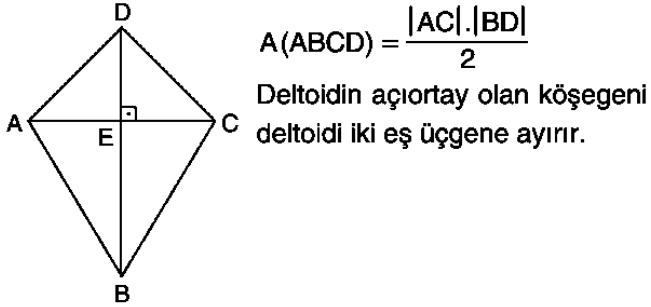


Deltoidin köşegenleri birbirine diktir ve [BD] köşegeni açıortaydır.

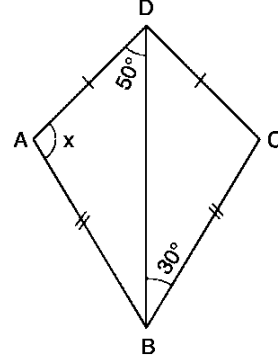


### Deltoid (Alan)

Deltoidin alanı köşegenler çarpımının yarısına eşittir.

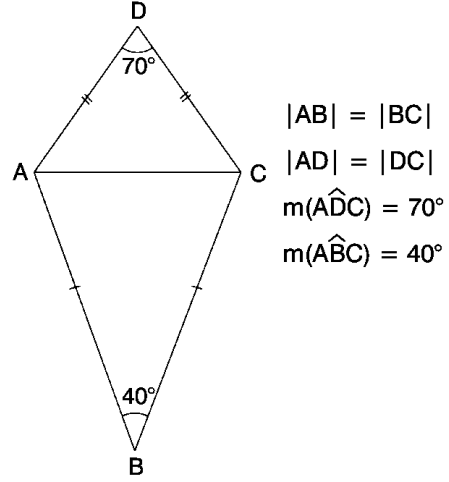


### Örnek 1



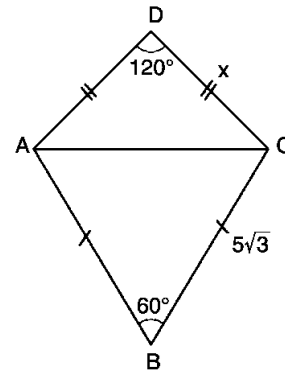
ABCD deltoidinde,  $m(\widehat{BAD}) = x$  kaç derecedir?

### Örnek 2



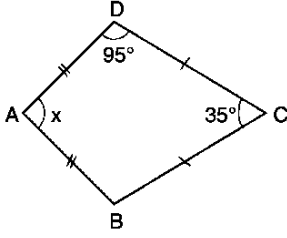
olduğuna göre,  $m(\widehat{ACD}) + m(\widehat{BAC})$  kaç derecedir?

### Örnek 3



ABCD deltoidinde  $|DC| = x$  kaç birimdir?

#### Örnek 4

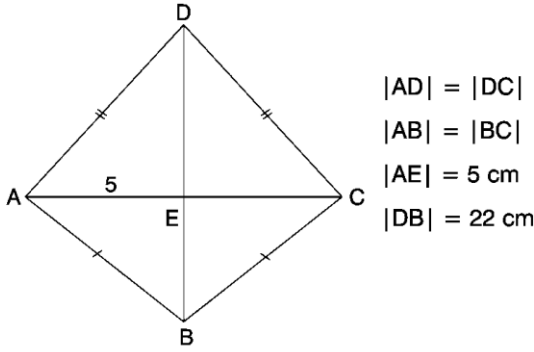


ABCD deltoidinde,  $m(\widehat{BAD}) = x$  kaç derecedir?

#### Örnek 5

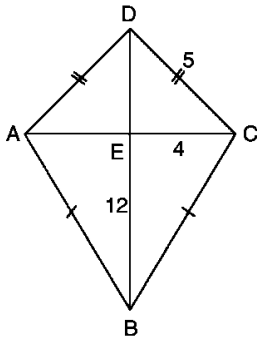
Köşegen uzunlukları 6 cm ve 10 cm olan deltoidin alanını bulunuz.

#### Örnek 6



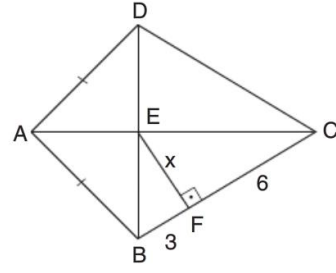
olduğuna göre, ABCD deltoidinin alanı kaç  $\text{cm}^2$  dir?

#### Örnek 7



Şekilde verilen ABCD deltoidinin alanı kaç birim-karedir?

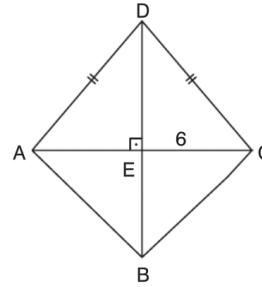
#### Örnek 8



$|AB| = |AD|$ ,  $[EF] \perp [BC]$ ,  $|BF| = 3$  birim,  $|FC| = 6$  birim

ABCD deltoidinde  $|EF| = x$  kaç birimdir?

#### Örnek 9



ABCD deltoid

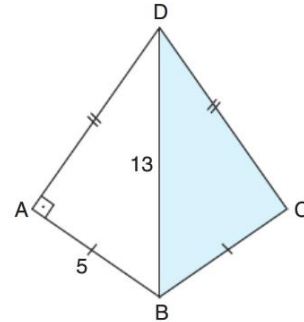
$$|AD| = |DC|$$

$$|AB| = |BC|$$

$$|EC| = 6$$
 cm

ABCD deltoidinin alanı  $150 \text{ cm}^2$  olduğuna göre,  $|BD|$  kaç cm dir?

#### Örnek 10



$[AD] \perp [AB]$ ,  $|AB| = 5$  birim,  $|DB| = 13$  birim

Yukarıdaki verilere göre, ABCD deltoidinde  $A(\widehat{DBC})$  kaç birimkaredir?