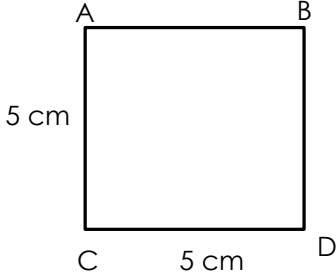
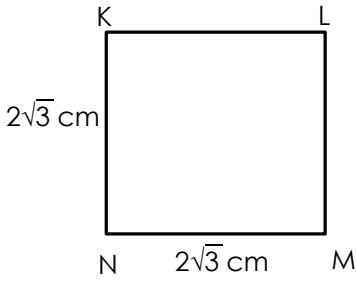


HATIRLAYALIM

KARENİN ALANI

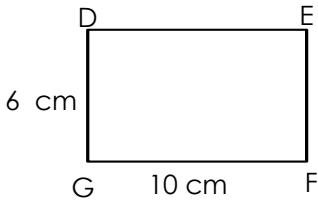


$$A(ABCD) = 5 \times 5 = 25$$

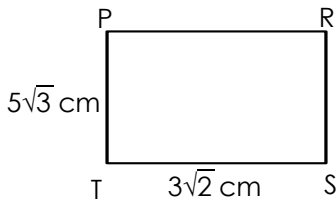


$$A(KLMN) = 2\sqrt{3} \times 2\sqrt{3}$$
$$4\sqrt{9}$$
$$4 \times 3 = 12$$

DİKDÖRTGENİN ALANI

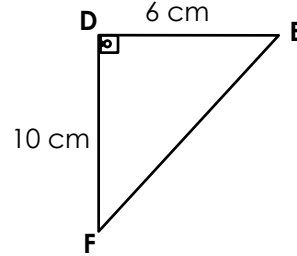


$$A(DEFG) = 6 \times 10 = 60$$



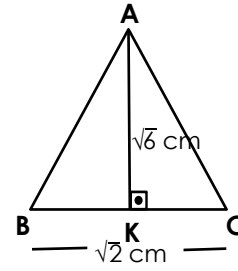
$$A(PRST) = 5\sqrt{3} \times 3\sqrt{2}$$
$$15\sqrt{6}$$

ÜÇGENİN ALANI



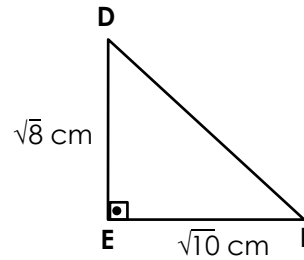
$$A(DEF) = \frac{6 \times 10}{2}$$

$$\frac{60}{2} = 30$$



$$A(ABC) = \frac{\sqrt{6} \times \sqrt{2}}{2}$$

$$\frac{\sqrt{12}}{2} = \frac{2\sqrt{3}}{2} = \sqrt{3}$$

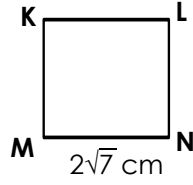
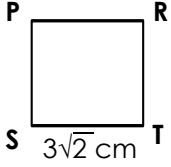
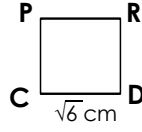
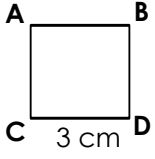


$$A(DEF) = \frac{\sqrt{8} \times \sqrt{10}}{2}$$

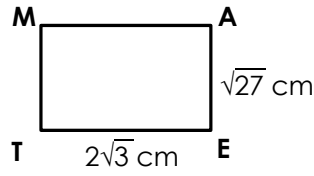
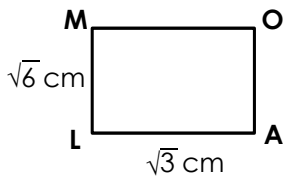
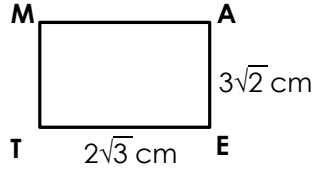
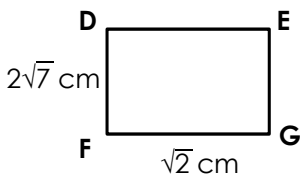
$$\frac{\sqrt{80}}{2} = \frac{4\sqrt{5}}{2} = 2\sqrt{5}$$

Alıştırma 1)

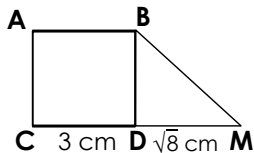
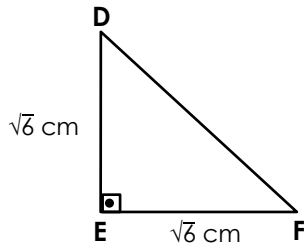
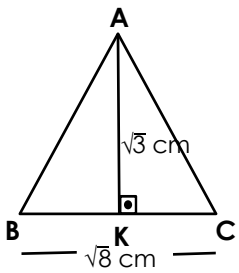
Aşağıda kenar uzunlukları verilen karelerin alanlarını bulunuz.



Aşağıda kenar uzunlukları verilen dikdörtgenlerin alanlarını bulunuz.



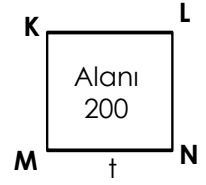
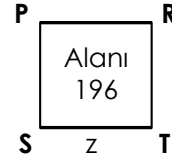
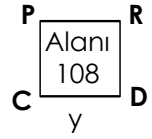
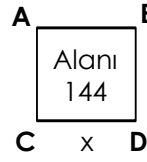
Aşağıda kenar uzunlukları verilen üçgenlerin alanlarını bulunuz.



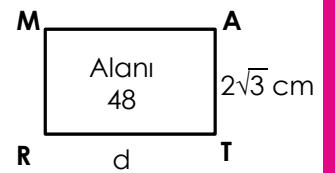
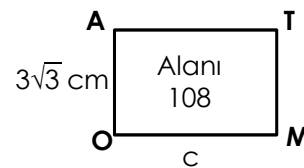
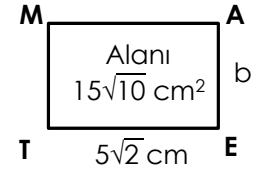
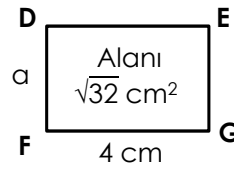
$A(ABMC) = \dots\dots\dots$

Alıştırma 2)

Aşağıda alanları verilen karelerin bir kenarının uzunluğunu bulunuz



Aşağıdaki dikdörtgenlerin verilmeyen kenarını bulunuz.



Alıştırma 3)

Alanı 81m^2 olan bir kare şeklindeki bir bahçenin etrafına dikenli tel çekilecektir. **Bu bahçe için kullanılacak dikenli telin uzunluğu kaç metredir?**

Alanı $\sqrt{48}\text{m}^2$ olan dikdörtgenin kenarlarından biri 2m olduğuna göre **Bu dikdörtgenin diğer kenarı kaç m'dir?**

Alanı 81m^2 olan bir kare ile kısa kenar uzunluğu $3\sqrt{3}\text{m}$ olan bir dikdörtgenin alanları birbirine eşittir. **Buna göre dikdörtgenin uzun kenarı kaç m'dir?**

Alanı 48cm^2 olan bir karenin çevresi kaç cm'dir?

Alanı 108cm^2 olan kare şeklindeki karton, kenarı $\sqrt{3}\text{cm}$ olan kareler şeklinde kesilirse kaç tane kare elde edilir?

Alıştırma 4)

Alanı $\sqrt{24}\text{m}^2$ olan dikdörtgenin kenar uzunlukları hangisi olamaz?

$2\sqrt{2}\text{m}$ ve $\sqrt{3}\text{m}$

12m ve $\sqrt{2}\text{m}$

$\sqrt{3}\text{m}$ ve $\sqrt{8}\text{m}$

2m ve $\sqrt{6}\text{m}$

Alanı $\sqrt{72}\text{m}^2$ olan dikdörtgenin bir kenarı $\sqrt{2}\text{m}$ ise diğer kenarı aşağıdakilerden hangisi olabilir?

36

6

$\sqrt{6}$

38

Aşağıda kenar uzunlukları verilen dikdörtgenlerin hangisinin alanı en büyüktür?

$3\sqrt{3}\text{m}$ ve $\sqrt{5}\text{m}$

4m ve $\sqrt{5}\text{m}$

$\sqrt{7}\text{m}$ ve $\sqrt{8}\text{m}$

7m ve $\sqrt{2}\text{m}$

Kenar uzunlukları verilen karelerin hangisinin alanı en küçüktür?

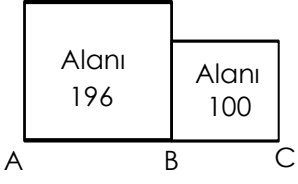
$5\sqrt{5}$

11

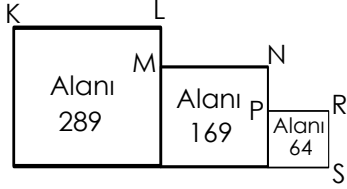
$\sqrt{123}\text{m}$

$2\sqrt{23}\text{m}$

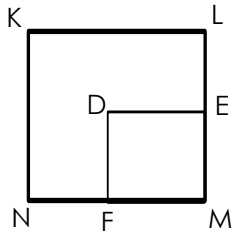
Alıştırma 5) Aşağıda verilenler birer karedir.



$|AB| = \dots\dots\dots$
 $|BC| = \dots\dots\dots$
 $|AC| = \dots\dots\dots$

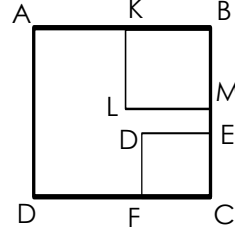


$|KL| = \dots\dots\dots$
 $|LM| = \dots\dots\dots$
 $|MN| = \dots\dots\dots$
 $|NP| = \dots\dots\dots$
 $|PR| = \dots\dots\dots$
 $|RS| = \dots\dots\dots$



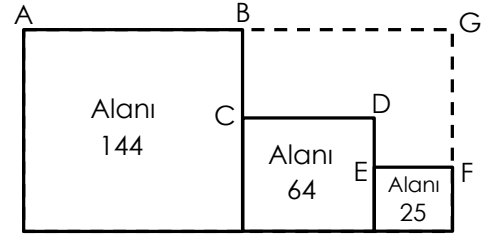
$A(KLMN) = 81$ ve
 $A(DEMF) = 36$
 olduğuna göre

$|NM| = \dots\dots\dots$
 $|FM| = \dots\dots\dots$
 $|NF| = \dots\dots\dots$
 $|LE| = \dots\dots\dots$
 $|EM| = \dots\dots\dots$
 $|DE| = \dots\dots\dots$

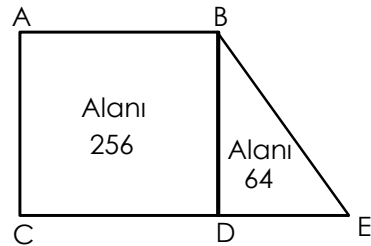


$A(ABCD) = 400$
 $A(KLMB) = 121$
 $A(DFCE) = 64$ olduğuna göre

$|AB| = \dots\dots\dots$ $|FC| = \dots\dots\dots$
 $|BM| = \dots\dots\dots$ $|AK| = \dots\dots\dots$
 $|ME| = \dots\dots\dots$ $|DF| = \dots\dots\dots$



$|AB| = \dots\dots\dots$ $|BC| = \dots\dots\dots$
 $|CD| = \dots\dots\dots$ $|DE| = \dots\dots\dots$
 $|EF| = \dots\dots\dots$ $|FG| = \dots\dots\dots$
 $|BG| = \dots\dots\dots$ $|AG| = \dots\dots\dots$



$|AB| = \dots\dots\dots$ $|BD| = \dots\dots\dots$
 $|DE| = \dots\dots\dots$ $|CE| = \dots\dots\dots$