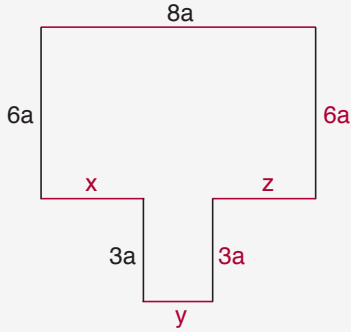


TEST - 1 ÇÖZÜMLER

1.



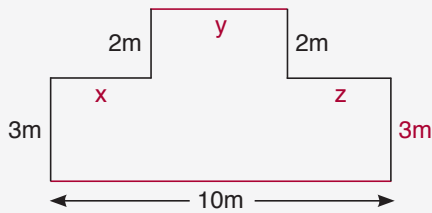
$$\Rightarrow x + y + z = 8a$$

$$\Rightarrow \text{Çevre} = 8a + 6a + 6a + 3a + 3a + \underbrace{x + y + z}_{8a}$$

$$= 34a$$

Cevap: D

2.



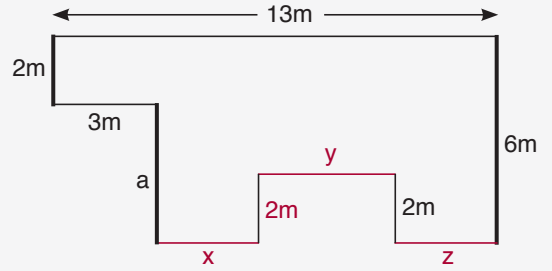
$$\Rightarrow x + y + z = 10m$$

$$\Rightarrow \text{Çevre} = 10m + 3m + 3m + 2m + 2m + \underbrace{x + y + z}_{10m}$$

$$= 30m$$

Cevap: B

3.



$$\Rightarrow 3m + x + y + z = 13m$$

$$x + y + z = 10m$$

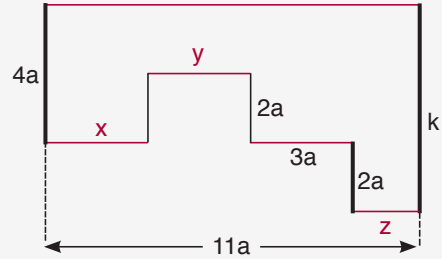
$$\Rightarrow 2m + a = 6m \Rightarrow a = 4m$$

$$\text{Ç} = 13m + 6m + 2m + 2m + 2m + 3m + \underbrace{a + x + y + z}_{\substack{4m \\ 10m}}$$

$$= 42m$$

Cevap: E

4.



$$\Rightarrow x + y + z + 3a = 11a$$

$$x + y + z = 8a$$

$$\Rightarrow 4a + 2a = k$$

$$k = 6a$$

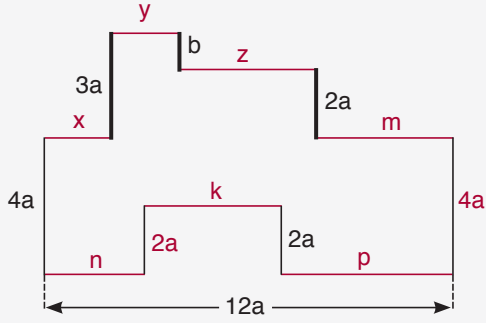
$$\text{Çevre} = 11a + 4a + 2a + 2a + 3a + 2a + \underbrace{k + x + y + z}_{\substack{6a \\ 8a}}$$

$$= 38a$$

Cevap: C

TEST - 1 ÇÖZÜMLER

5.



$$\Rightarrow x + y + z + m = 12a$$

$$n + k + p = 12a$$

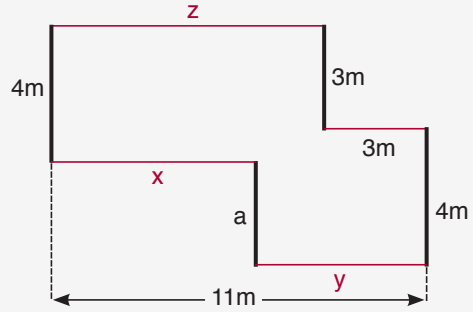
$$\Rightarrow 3a = b + 2a$$

$$b = a$$

$$\begin{aligned} \text{Çevre} &= 3a + 4a + 2a + 2a + 4a + 2a + b + x + y + z + m + n + k + p \\ &= 42a \end{aligned}$$

Cevap: D

7.



$$\Rightarrow x + y = 11m$$

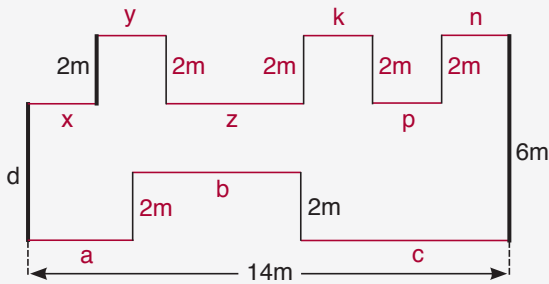
$$z + 3m = 11m \Rightarrow z = 8m$$

$$\Rightarrow 4m + a = 3m + 4m \Rightarrow a = 3m$$

$$\begin{aligned} \text{Çevre} &= 4m + 4m + 3m + 3m + x + y + z + a \\ &= 36m \end{aligned}$$

Cevap: B

6.



$$\Rightarrow x + y + z + k + p + n = 14m$$

$$a + b + c = 14m$$

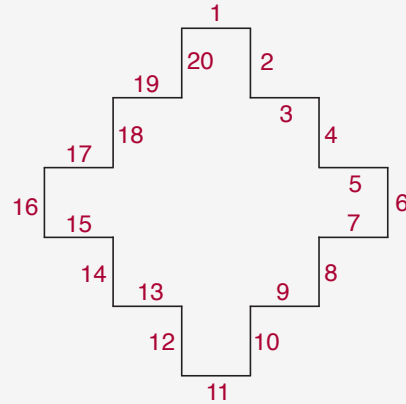
$$\Rightarrow 2m + d = 6m$$

$$d = 4m$$

$$\begin{aligned} \text{Çevre} &= 6m + 2m + 2m + 5 \cdot (2m) + x + y + z + k + p + n + a + b + c + d \\ &= 52m \end{aligned}$$

Cevap: E

8.

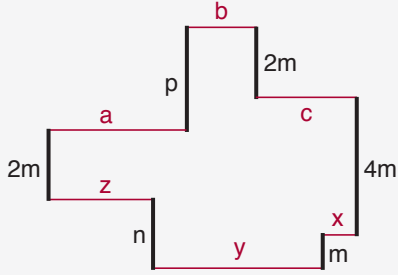


$$\Rightarrow \text{Çevre} = 20 \cdot 2m = 40m$$

Cevap: D

TEST - 1 ÇÖZÜMLER

9.



$$\Rightarrow a + b + c = 9m$$

$$x + y + z = 9m$$

$$\Rightarrow 2m + 4m + m = p + 2m + n$$

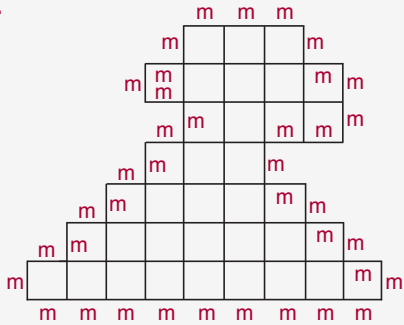
$$5m = p + n$$

$$\text{Çevre} = 2m + m + 4m + 2m + \underbrace{x+y+z}_{9m} + \underbrace{a+b+c}_{9m} + \underbrace{p+n}_{5m}$$

$$= 32m$$

Cevap: D

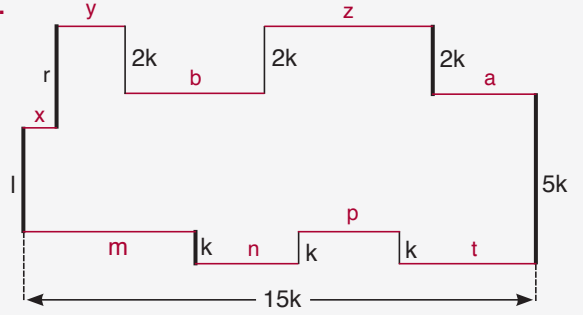
10.



$$\Rightarrow \text{Çevre} = 38m$$

Cevap: C

11.



$$\Rightarrow x + y + z + a + b = 15k$$

$$m + n + p + t = 15k$$

$$\Rightarrow 2k + 5k = k + l + r$$

$$l + r = 6k$$

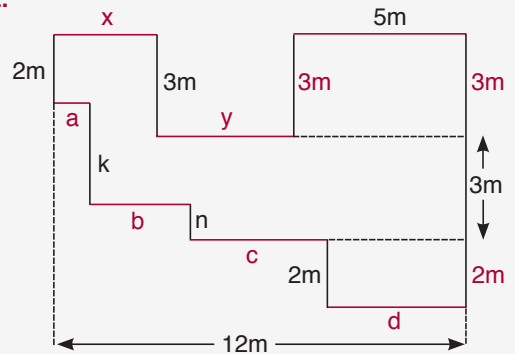
Çevre

$$= 3.(2k) + 5k + k + k + k + k + l + r + x + y + z + b + a + m + n + p + t$$

$$= 50k$$

Cevap: E

12.



$$\Rightarrow x + y + 5m = 12m$$

$$x + y = 7m$$

$$\Rightarrow a + b + c + d = 12m$$

$$2m + k + n + 2m = 3m + 3m + 2m$$

$$k + n = 4m$$

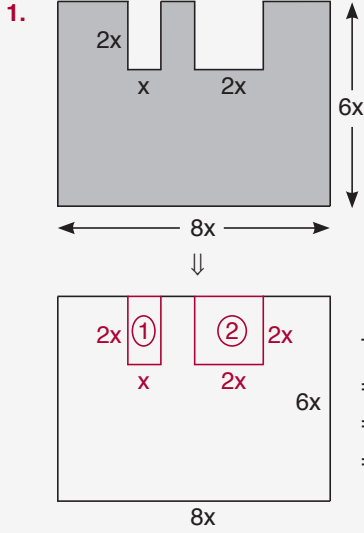
Çevre

$$= 3.(2m) + 4.(3m) + 5m + \underbrace{x+y}_{7m} + \underbrace{a+b+c+d}_{12m} + \underbrace{k+n}_{4m}$$

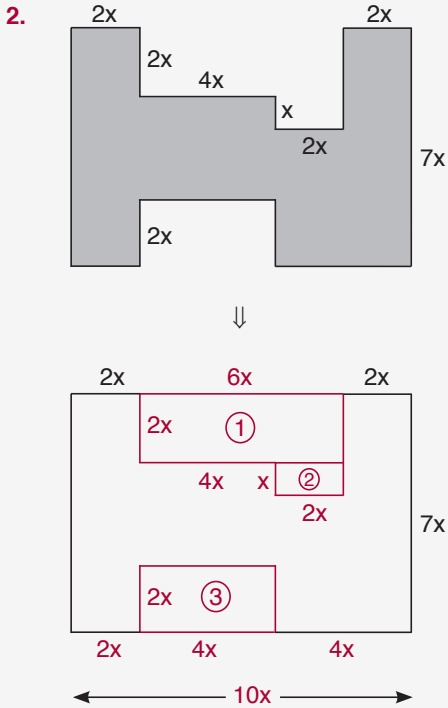
$$= 46m$$

Cevap: E

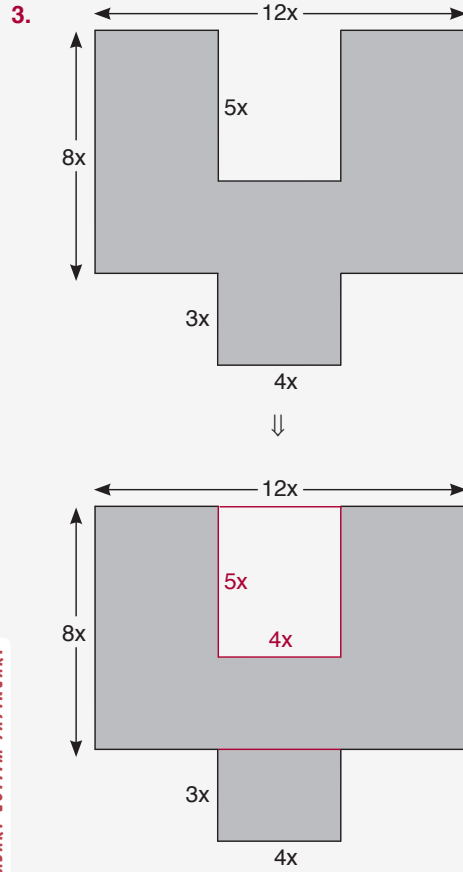
TEST - 2 ÇÖZÜMLER



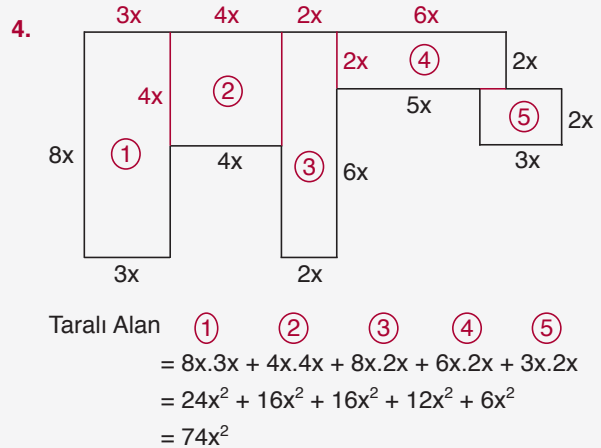
Cevap: D



Cevap: D



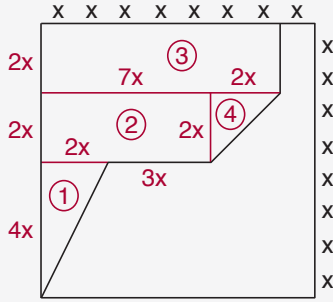
Cevap: E



Cevap: D

TEST - 2 ÇÖZÜMLER

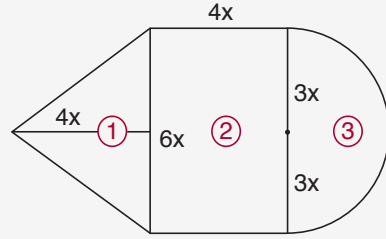
5.



$$\begin{aligned}
 \text{T.A} &= \frac{4x \cdot 2x}{2} + 5x \cdot 2x + 9x \cdot 2x + \frac{2x \cdot 2x}{2} \\
 &= 4x^2 + 10x^2 + 18x^2 + 2x^2 \\
 &= 34x^2
 \end{aligned}$$

Cevap: A

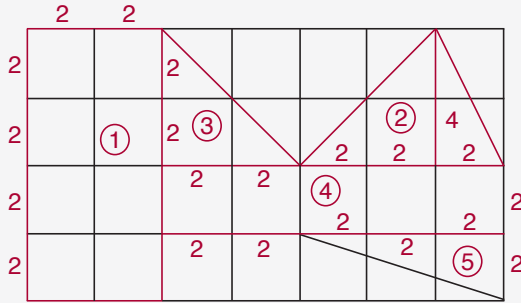
7.



$$\begin{aligned}
 \text{Taralı Alan} &= \text{(1)} + \text{(2)} + \text{(3)} \\
 &= \frac{6x \cdot 4x}{2} + 6x \cdot 4x + \frac{\pi(3x)^2}{2} \\
 &= 12x^2 + 24x^2 + \frac{3 \cdot 9x^2}{2} \\
 &= 36x^2 + \frac{27x^2}{2} \\
 &= \frac{99x^2}{2}
 \end{aligned}$$

Cevap: E

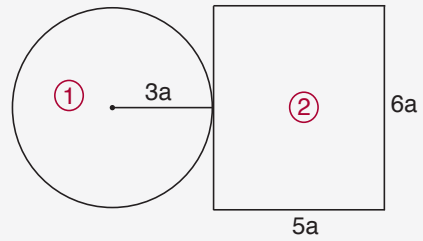
6.



$$\begin{aligned}
 \text{Taralı Alan} &= \text{(1)} + \text{(2)} + \text{(3)} + \text{(4)} + \text{(5)} \\
 &= 8 \cdot 4 + \frac{4 \cdot 6}{2} + \frac{4 \cdot 4}{2} + 10 \cdot 2 + \frac{6 \cdot 2}{2} \\
 &= 32 + 12 + 8 + 20 + 6 \\
 &= 78\text{cm}^2
 \end{aligned}$$

Cevap: D

8.

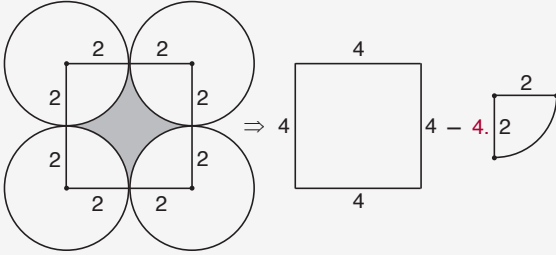


$$\begin{aligned}
 \text{Çevre} &= 2\pi \cdot 3a + 2 \cdot (5a + 6a) \\
 &= 2 \cdot 3 \cdot 3a + 22a \\
 &= 18a + 22a \\
 &= 40a
 \end{aligned}$$

Cevap: C

TEST - 2 ÇÖZÜMLER

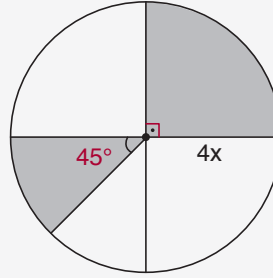
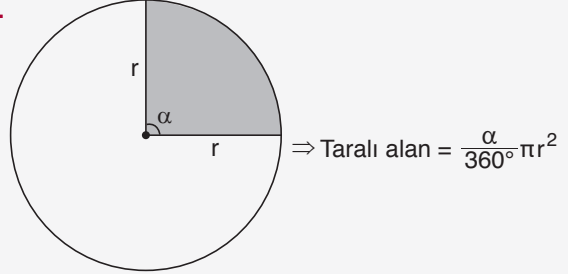
9.



$$\begin{aligned}
 &= 4 \cdot 4 - 4 \cdot \frac{\pi \cdot 2^2}{4} \\
 &= 16 - 4 \cdot \frac{3 \cdot 4}{4} \\
 &= 16 - 12 \\
 &= 4b^2
 \end{aligned}$$

Cevap: A

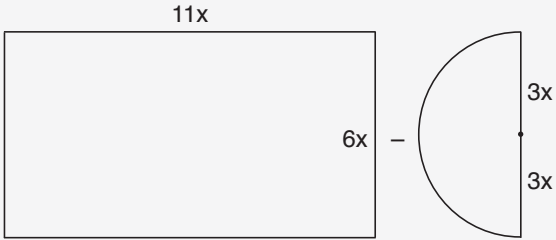
11.



$$\Rightarrow \frac{90^\circ + 45^\circ}{360^\circ} \cdot \pi (4x)^2 = \frac{135}{360} \pi \cdot 16x^2 = 18x^2$$

Cevap: B

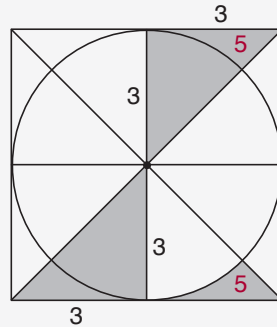
10.



$$\begin{aligned}
 \text{Taralı alan} &= 11x \cdot 6x - \frac{\pi (3x)^2}{2} \\
 &= 66x^2 - 3 \cdot \frac{9x^2}{2} \\
 &= 66x^2 - \frac{27x^2}{2} = \frac{105x^2}{2}
 \end{aligned}$$

Cevap: D

12.



$$\Rightarrow \frac{3 \cdot 3}{2} + \frac{3 \cdot 3}{2} = \frac{9}{2} + \frac{9}{2} = 9 \text{ cm}^2$$

Cevap: C