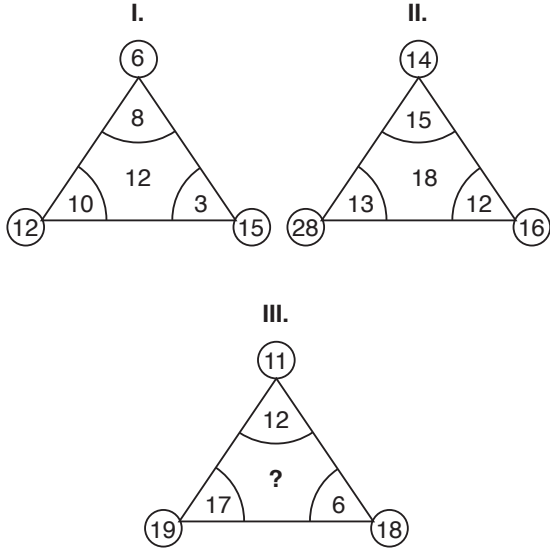


1.



Dış köşedeki sayıların toplamından iç köşedeki sayıların toplamının farkı ortayı vermekte

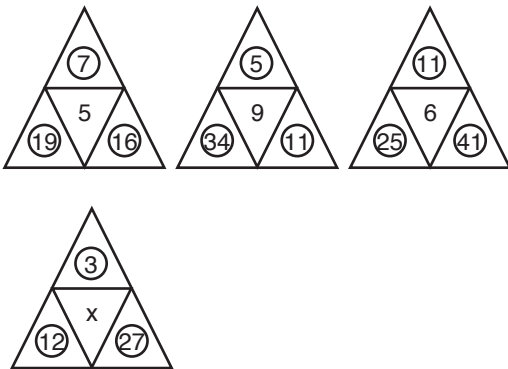
I. $(12 + 15 + 6) - (10 + 3 + 8) = 33 - 21 = 12$

II. $(28 + 16 + 14) - (13 + 12 + 15) = 58 - 40 = 18$

III. $(19 + 18 + 11) - (17 + 6 + 12) = 48 - 35 = 13$

Cevap: B

2.



Alt üçgen içlerini toplayıp üst üçgen içine bölüp ortaya yazılmakta

I. $(19 + 16) : 7 = 5$

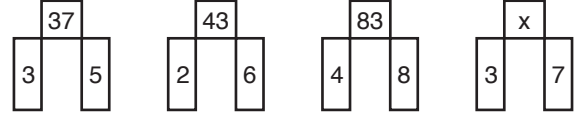
II. $(34 + 11) : 5 = 9$

III. $(25 + 41) : 11 = 6$

IV. $(12 + 27) : 3 = 13$

Cevap: A

3.



Alt sayıların karelerinin toplamının 3 fazlası

I. $(3^2 + 5^2) + 3 = 9 + 25 + 3 = 37$

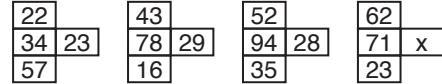
II. $(2^2 + 6^2) + 3 = 4 + 36 + 3 = 43$

III. $(4^2 + 8^2) + 3 = 16 + 64 + 3 = 83$

IV. $(3^2 + 7^2) + 3 = 9 + 49 + 3 = 61$

Cevap: D

4.



Sütündeki sayıların rakamlarının toplamı kenardaki sayıyı vermekte

$$2 + 2 + 3 + 4 + 5 + 7 = 23$$

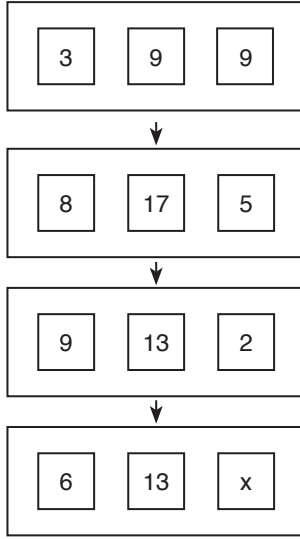
O halde

$$\begin{array}{|c|c|} \hline 62 & \\ \hline 71 & x \\ \hline 23 & \\ \hline \end{array} \rightarrow x = 6 + 2 + 7 + 1 + 2 + 3$$

x = 21 bulunur.

Cevap: B

5.



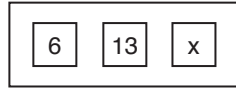
Sol ve sağdaki karelerin içindeki sayıların karelerin toplamı çıkan sonucun rakamları toplamı



$$3^2 + 9^2 = 9 + 81 = 90$$

$$9 + 0 = \textcircled{9} \text{ ortadaki}$$

O halde



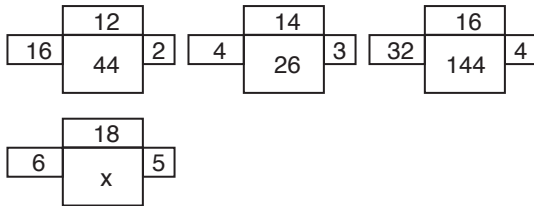
$$x = 7 \text{ aldığımızda}$$

$$6^2 + 7^2 = 36 + 49 = 85$$

$$8 + 5 = \textcircled{13}$$

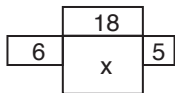
Cevap: C

6.



Kanatları çarp üsttekini ekle

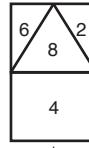
$$(16 \cdot 2) + 12 = 32 + 12 = 44$$



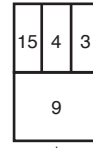
$$x = (6 \cdot 5) + 18 = 30 + 18 = 48$$

Cevap: D

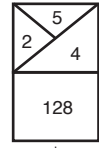
7.



$$(6 \cdot 2) - 8 = 4$$



$$(15 : 3) + 4 = 9$$



$$(2^5) \cdot 4 = 32 \cdot 4 = 128$$

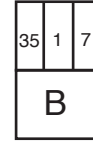
O halde



$$A = (3 \cdot 8) - 6$$

$$A = 24 - 6$$

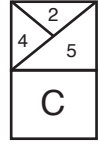
$$A = 18$$



$$B = (35 : 7) + 1$$

$$B = 5 + 1$$

$$B = 6$$



$$C = 4^2 \cdot 5$$

$$C = 16 \cdot 5$$

$$C = 80$$

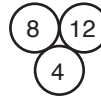
$$C - (A + B) = 80 - (18 + 6)$$

$$= 80 - 24$$

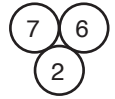
$$= 56$$

Cevap: C

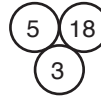
8.



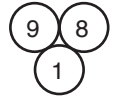
$$(8 + 12) + 4^2 = 20 + 16 = 36$$



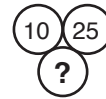
$$(7 + 6) + 2^2 = 13 + 4 = 17$$



$$(5 + 18) + 3^2 = 23 + 9 = 32$$



$$(9 + 8) + 1^2 = 17 + 1 = 18$$



$$\rightarrow (10 + 25) + x^2 = 60$$

$$35 + x^2 = 60$$

$$x^2 = 60 - 35$$

$$x^2 = 25 \Rightarrow x = 5$$

Cevap: D

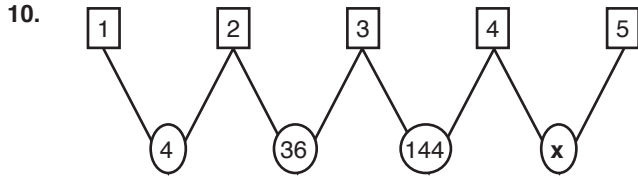
9. $\begin{array}{c} 11 \\ 1.5 \quad 2 \\ 6 \end{array}$ $\begin{array}{c} 59 \\ 8 \quad 3 \\ 7 \end{array}$ $\begin{array}{c} 62 \\ 5.5 \quad 7 \\ 10 \end{array}$

$(1,5.6) + 2 = 11$ $(8.7) + 3 = 59$ $(5,5.10) + 7 = 62$

$\begin{array}{c} 81 \\ 4.5 \quad x \\ 8 \end{array}$

$\rightarrow (4,5.8) + x = 81$
 $x = 81 - 36$
 $x = 45$

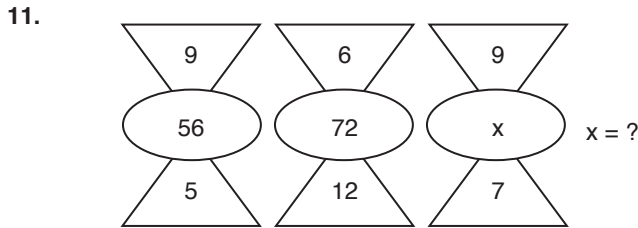
Cevap: A



Kare içlerinin karelerin çarpımı daire olmakta

$1^2.2^2 = 1.4 = 4$
 $2^2.3^2 = 4.9 = 36$
 $3^2.4^2 = 9.16 = 144$
 $4^2.5^2 = 16.25 = 400 = x$

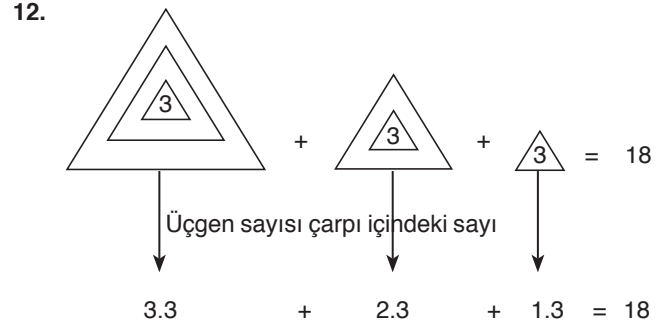
Cevap: C



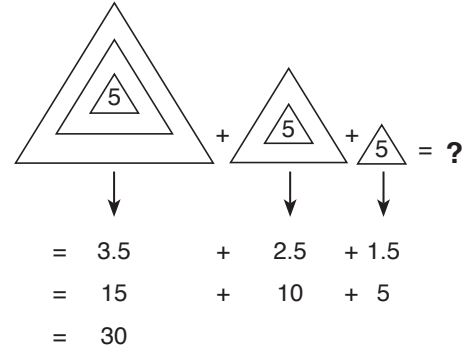
Üçgen içlerinin toplamının 4 katı daireyi vermekte

$(9 + 5).4 = 56$, $(6 + 12).4 = 72$
 $x = (9 + 7).4 = 16.4 = 64$

Cevap: E

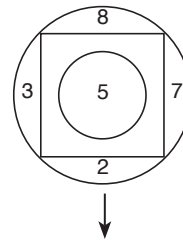


O halde



Cevap: D

13. Kenardaki sayıları topla içerdeki şeklin kenar sayısına böl

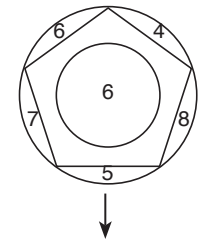
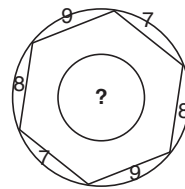


$3 + 2 + 7 + 8 = 20$

Şekil kare kenar sayısı 4

O halde $\frac{20}{4} = 5$

O halde



$6 + 4 + 8 + 5 + 7 = 30$

Şekil beşgen

$\frac{30}{5} = 6$

O halde

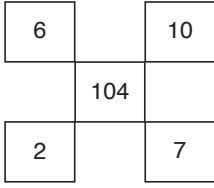
$9 + 7 + 8 + 9 + 7 + 8 = 48$

Şekil altıgen

$\frac{48}{6} = 8$

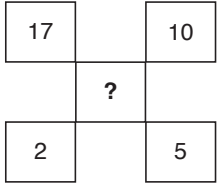
Cevap: A

14.



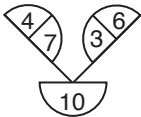
$$\begin{aligned} &= (6 + 7) \cdot (10 - 2) \\ &= 13 \cdot 8 \\ &= 104 \end{aligned}$$

O halde

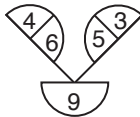


$$\begin{aligned} &\rightarrow (17 + 5) \cdot (10 - 2) \\ &= 22 \cdot 8 = 176 \end{aligned}$$

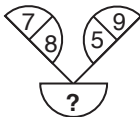
15.



$$\begin{aligned} &= (4 \cdot 7) - (3 \cdot 6) \\ &= 28 - 18 \\ &= 10 \end{aligned}$$



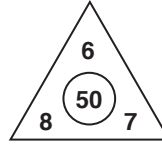
$$\begin{aligned} &= (4 \cdot 6) - (5 \cdot 3) \\ &= 24 - 15 \\ &= 9 \end{aligned}$$



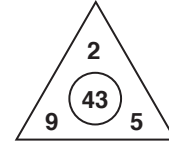
$$\begin{aligned} &= (7 \cdot 8) - (5 \cdot 9) \\ &= 56 - 45 \\ &= 11 \end{aligned}$$

Cevap: C

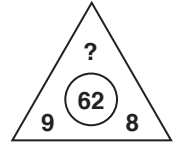
16.



$$\begin{aligned} &= (8 \cdot 7) - 6 \\ &= 56 - 6 \\ &= 50 \end{aligned}$$



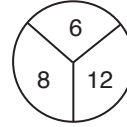
$$\begin{aligned} &= (9 \cdot 5) - 2 \\ &= 45 - 2 \\ &= 43 \end{aligned}$$



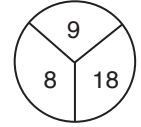
$$\begin{aligned} &(9 \cdot 8) - x = 62 \\ &72 - x = 62 \\ &10 = x \end{aligned}$$

Cevap: C

17. Sağ dilimdeki sayının rakamlarını topla, soldaki sayı ile çarpılan sonucu rakamları toplamı üstte yazılmış

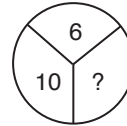


$$\begin{aligned} &= (1 + 2) \cdot 8 = 3 \cdot 8 = 24 \\ &2 + 4 = 6 \end{aligned}$$



$$\begin{aligned} &= (1 + 8) \cdot 8 = 9 \cdot 8 \\ &= 72 \\ &7 + 2 = 9 \end{aligned}$$

O halde



Soru işareti yerinde 15 olmalı

$$\begin{aligned} &(1 + 5) \cdot 10 = 6 \cdot 10 = 60 \\ &6 + 0 = 6 \end{aligned}$$

Cevap: B

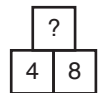
18. Alt karelerin toplamının 3 katı



$$(7 + 3) \cdot 3 = 33$$



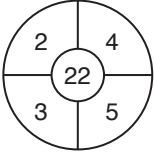
$$(9 + 2) \cdot 3 = 33$$



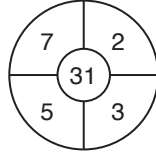
$$\begin{aligned} x &= (4 + 8) \cdot 3 \\ x &= 36 \end{aligned}$$

Cevap: D

19.

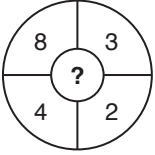


$$\begin{aligned} &= (4.3) + (2.5) \\ &= 12 + 10 \\ &= 22 \end{aligned}$$



$$\begin{aligned} &= (5.2) + (7.3) \\ &= 10 + 21 \\ &= 31 \end{aligned}$$

O halde

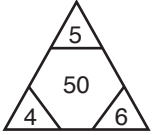


$$\begin{aligned} &= (4.3) + (8.2) \\ &= 12 + 16 \\ &= 28 \end{aligned}$$

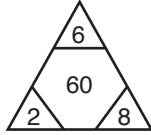
Cevap: A

TASARI EĞİTİM YAYINLARI

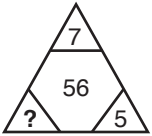
20.



$$(4 + 6).5 = 50$$



$$(2 + 8).6 = 60$$



$$\begin{aligned} (x + 5).7 &= 56 \\ x + 5 &= 8 \\ x &= 3 \end{aligned}$$

Cevap: C