

1.  $\boxed{n} \rightarrow n + (n+1) + (n+2) + \dots + (n + (2n-1)) + (n+2n)$

$\boxed{6} \rightarrow 6 + 7 + 8 + \dots + 17 + 18$

Terim sayısı =  $\frac{18-6}{1} + 1 = 13$

Ortadaki sayı =  $\frac{18+6}{2} = 12$

Toplam =  $13 \cdot 12 = 156$

$\boxed{7} \rightarrow 7 + 8 + 9 + \dots + 20 + 21$

T.S =  $\frac{21-7}{1} + 1 = 15$

O.S =  $\frac{21+7}{2} = 14$

Toplam =  $15 \cdot 14 = 210$

$\boxed{8} \rightarrow 8 + 9 + \dots + \dots + 23 + 24$

T.S =  $\frac{24-8}{1} + 1 = 17$

O.S =  $\frac{24+8}{2} = 16$

Toplam =  $17 \cdot 16 = 272$

O halde

$\boxed{6} + \boxed{7} - \boxed{8} = 156 + 210 - 272$   
 $= 94$

Cevap: B

2.  $\boxed{38} + \boxed{20} + \boxed{8} = \boxed{11} + \boxed{23} + \boxed{32}$

18 sayısı kullanılmamıştır.

Cevap: E

3.  $\bullet$  L,  $\rightarrow$  B,  $\leftarrow$  A,  $\circ$  K,  $\gg$  C,  $\bullet$  M

$\bullet$  J O halde

$\gg$  CK

Cevap: E

4.  $\textcircled{5.6} + 6.7 + 7.8 + \dots + 20.21 = A$

$6.7 + 7.8 + \dots + 20.21 = A - 30$

$\bullet 12 \cdot 14 + 14 \cdot 16 + 16.18 + \dots + 40.42 = ?$

$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$   
2.6 2.7 2.7 2.8

$= 4 \cdot (6.7 + 7.8 + 8.9 + \dots + 20.21)$   
A - 30

$= 4 \cdot (A - 30) = 4A - 120$

Cevap: B

5.  $\star = a$   $\ominus = d$

$\square = b$   $\triangle = e$

$\nabla = c$

$a + b + c = d$

$a + b + e = ?$

$+ d + b + e = c$

$a + b + b + e = 0$

$a + b + e = -b$

yani  $-\square$

Cevap: C

6.  $X_7 \rightarrow$ 

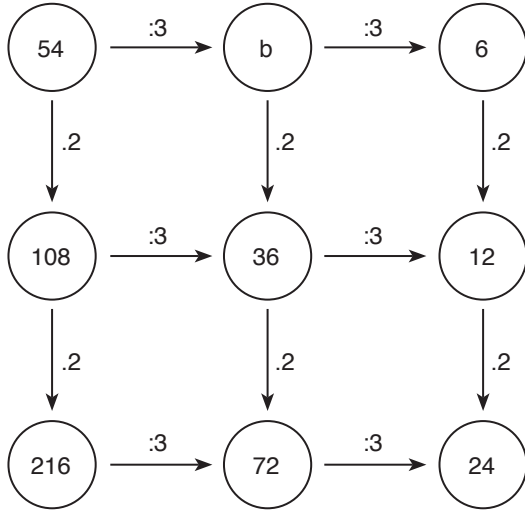
7	8	r
	m	8
		7

$r = 7 + 8 = 15$

$m = 2^7 = 128$

Cevap: A

7.



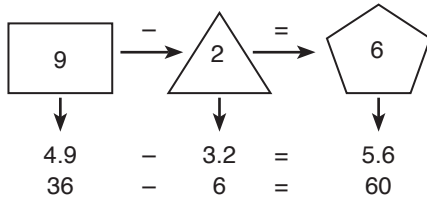
$a = 108$      $b = 18$      $c = 12$      $d = 72$

O halde

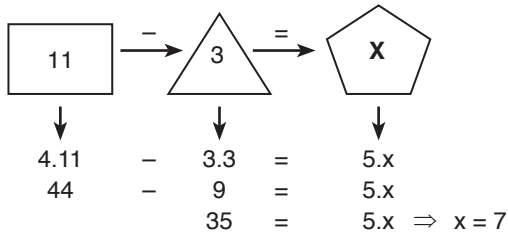
$$a - b + c - d = 108 - 18 + 12 - 72 = 30$$

Cevap: A

8. Kenar sayısı ile içerdeki sayının çarpımı

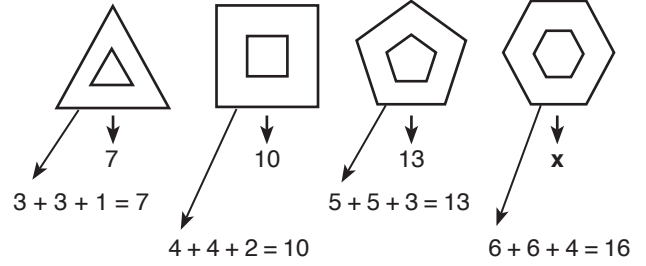


yani



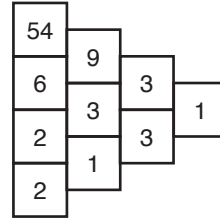
Cevap: C

9.

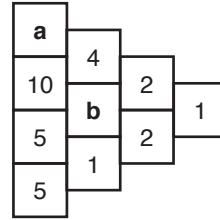


Cevap: B

10.



yan yana iki kare bölünüp sağ üst kareye yazılmakta

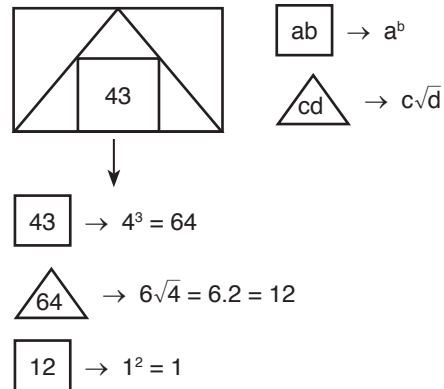


$$\frac{a}{10} = 4 \Rightarrow a = 40$$

$$\frac{10}{5} = b \Rightarrow b = 2 \quad a + b = 40 + 2 = 42$$

Cevap: E

11.

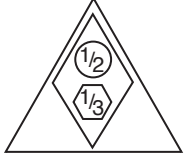


Cevap: A

12.  $\text{Z} \rightarrow 6 \cdot z$

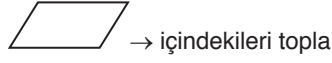
$\text{X} \rightarrow x^3$

$\text{Y} \rightarrow \frac{1}{y}$



$$\rightarrow \left( \frac{1}{\frac{1}{2}} + 6 \cdot \frac{1}{3} \right)^3$$

$$= (2 + 2)^3 = 4^3 = 64$$



Cevap: E

13. CİN → 273  
KİN → 973  
DEF → 418  
KUM → 956

İ = 7, N = 3, K = 9, C = 2, U = 5, M = 6, D = 4

E = 1 ve F = 8

FEN = 813

Cevap: A

14.  $2 \rightarrow 2^4 = 16$   
 $3 \rightarrow 3^3 = 27$   
 $4 \rightarrow 4^2 = 16$   
+ 16  
59

$2 \rightarrow 2^4 = 16$   
 $4 \rightarrow 4^3 = 64$   
 $7 \rightarrow 7^2 = 49$   
+ 49  
129 bulunur.

Cevap: D

15. S A L I N C A K  
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓  
3 0 2 9 7 4 0 1

K A Y D I R A K  
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓  
1 0 9 0 1

seçeneklerden A 10869501

Cevap: A

16. ● TEBEŞİR ⇒ ŞİRETEB

KABURGA ■ ⇒ GABURKA

O halde

● KÜTAHYA ■

1) ● KÜTAHYA ■ ⇒ HYAAKÜT

2) HYAAKÜT ■ ⇒ ÜTAAKHY

Cevap: D

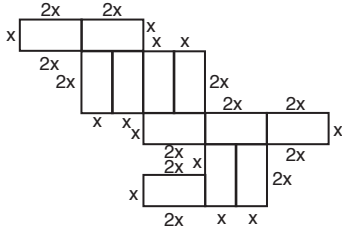
1 2 3 4 5 6 7 8 9  
17. T A S A R I Y Ö S T A S A R I Y Ö S T A S A R I  
9 harf

$$\begin{array}{r} 183 \overline{) 9} \\ - 18 \quad \underline{\phantom{0}} \\ \text{Kalan} = 3 \end{array}$$

3. harf S'dir.

Cevap: B

18.



Şeklimiz 12 tane tuğladan oluşmuş şekilde görüldüğü üzere tuğlanın uzun kenarı kısa kenarının 2 katı

$$12 \cdot (x \cdot 2x) = 384$$

$$24x^2 = 384 \Rightarrow x^2 = 16$$

$$x = 4 \text{ m}$$

Şeklin çevresi  $36x = 36 \cdot 4$   
 $= 144 \text{ m}$

Cevap: C

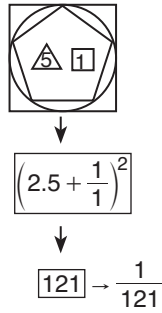
19. T A S U Z E M T A S U Z E M T A S ...  
 1 2 3 4 5 6 7

7 harfte bir tekrar yazılmakta

$$\begin{array}{r} 153 \overline{) 7} \\ - 14 \quad \underline{7} \\ 13 \\ - 7 \quad \underline{6} \\ \text{Kalan} = 6 \end{array}$$

6. harf E olur.

Cevap: A

20.  $\otimes \rightarrow x^2$  $\triangle \rightarrow 2y$  $\square \rightarrow \frac{1}{z}$  $\text{a} \rightarrow \text{içindekileri topla}$ 

Cevap: A