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

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

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

Ortadaki sayı $= \frac{18+6}{2} = 12$

Toplam $= 13.12 = 156$

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

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

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

Toplam $= 15.14 = 210$

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

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

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

Toplam $= 17.16 = 272$

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. L, B, A, K, C, M, J

O halde CK

Cevap: E

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

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

- $12 \,.\, 14 + 14 \,.\, 16 + 16.18 + \ldots + 40.42 = ?$
  $\downarrow_{2.6} \quad \downarrow_{2.7} \quad \downarrow_{2.7} \quad \downarrow_{2.8}$

$= 4.\underbrace{(6.7 + 7.8 + 8.9 + \ldots + 20.21)}_{A-30}$

$= 4.(A - 30) = 4A - 120$

Cevap: B

5. ☆ = a ◍ = d

□ = b △ = e

↯ = c

$a + b + c = d$	$a + b + e = ?$
$+ \quad d + b + e = c$	
$a + b + b + e = 0$	
$a + b + e = -b$	yani $-\square$

Cevap: C

6. $X_7 \rightarrow$

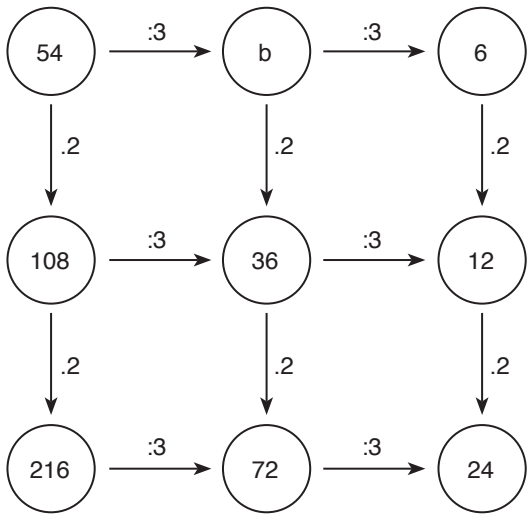
7	8	r
	m	8
		7

$r = 7 + 8 = 15$

$m = 2^7 = 128$

Cevap: A

7.



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

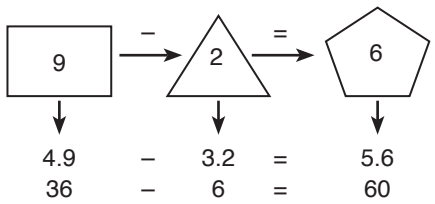
O halde

a – b + c – d = 108 – 18 + 12 – 72

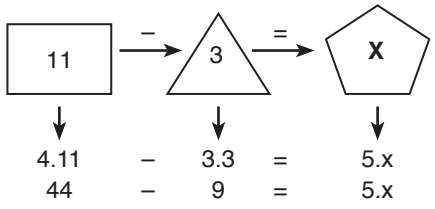
= 30

Cevap: A

8. Kenar sayısı ile içerdeki sayının çarpımı

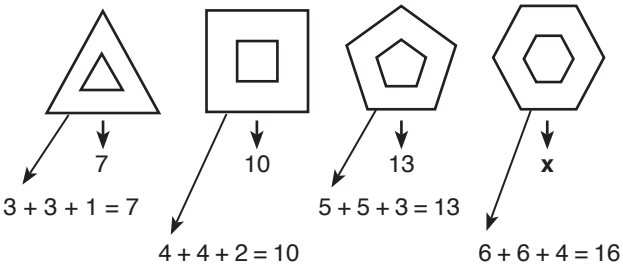


yani



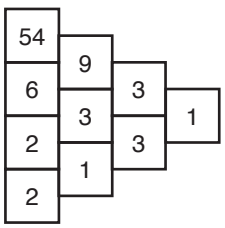
Cevap: C

9.

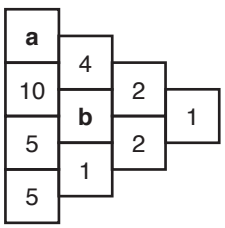


Cevap: B

10.



yan yana iki kare bölünüp sağ üst kareye yazılmakta

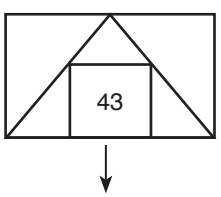


$\frac{a}{10} = 4 \Rightarrow a = 40$

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

Cevap: E

11.



ab → a^b

cd → $c\sqrt{d}$

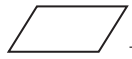
43 → $4^3 = 64$

64 → $6\sqrt{4} = 6.2 = 12$

12 → $1^2 = 1$

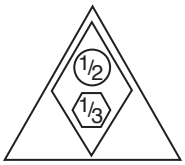
Cevap: A

12. (z) → 6.z

 → içindekileri topla

(x) → x^3

(y) → $\frac{1}{y}$



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

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

Cevap: E

13. CİN → 273

KİN → 973

DEF → 418

KUM → 956

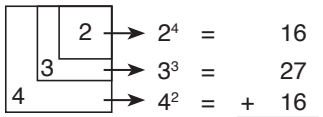
İ = 7, N = 3, K = 9, C = 2, U = 5, M = 6, D = 4

E = 1 ve F = 8

FEN = 813

Cevap: A

14.

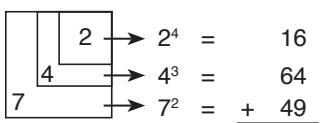


$2^4 = 16$

$3^3 = 27$

$4^2 = +\ 16$

59



$2^4 = 16$

$4^3 = 64$

$7^2 = +\ 49$

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

17. 1 2 3 4 5 6 7 8 9
TASARIYÖSTASARIYÖSTASARI

9 harf

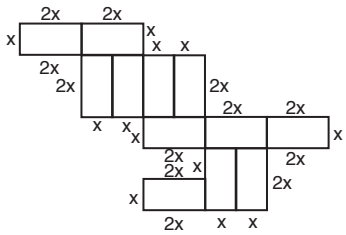
$183 \div 9 = 20$ Kalan = 3

3. harf S'dir.

Cevap: B

TASARI EĞİTİM YAYINLARI

18.



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

$12.(x.2x) = 384$

$2x^2 = 32 \Rightarrow x^2 = 16$

$x = 4$ m

Şeklin çevresi $36x = 36.4$

$= 144$ m

Cevap: C

19. $\overbrace{\text{T A S U Z E M}}$ T A S U Z E M T A S ...
1 2 3 4 5 6 7

7 harfte bir tekrar yazılmakta

$$\begin{array}{r|l} 153 & 7 \\ \cline{2-2} -\ 14 & 21 \\ \cline{1-1} 13 & \\ -\ \ 7 & \\ \cline{1-1} \text{Kalan} = 6 & \end{array}$$

6. harf E olur.

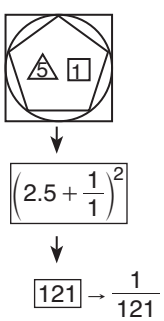
Cevap: A

20. $\textcircled{x} \rightarrow x^2$

$\triangle\!\!\!\!\diagup\!\!\!\!\diagdown\ y \rightarrow 2y$

$\boxed{z} \rightarrow \frac{1}{z}$

$\overset{a}{\bigcirc}$ → içindekileri topla



Cevap: A