

## ÇÖZÜMLER

1. •  $a = 6, b = 6$

$$6^2 \blacksquare \frac{2.6}{3} = 3.6 + 6 \Rightarrow 36 \blacksquare 4 = 24$$

•  $a = 12, b = 18$

$$2.12 \bullet 18 = \frac{12}{2} + \frac{18}{3} = 6 + 6 = 12$$

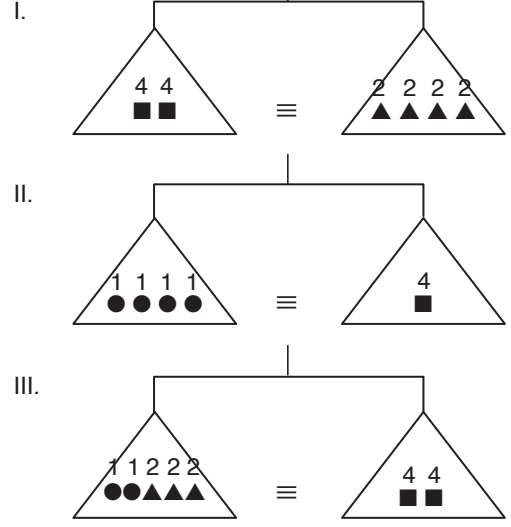
Cevap: C

2.

		b		e
c	d	e	a	b
e	a	d	b	c
		a		d
d ← x	b	c	e	a

Cevap: D

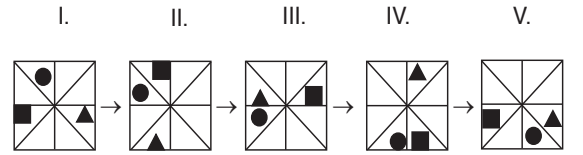
3.



Cevap: B

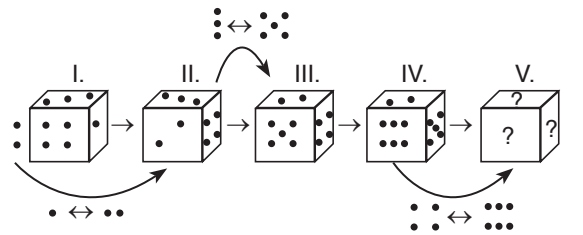
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4.

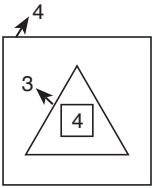
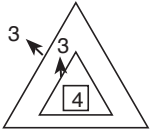
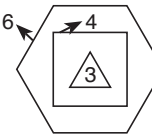
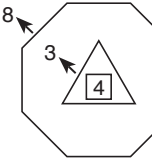


Cevap: E


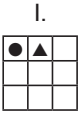
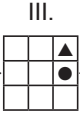
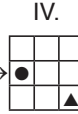
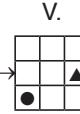
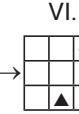

5.






Cevap: E

6. I.   $\rightarrow 8 = 4.3 - 4$
- II.   $\rightarrow 5 = 3.3 - 4$
- III.   $\rightarrow 21 = 6.4 - 3$
- IV.   $\rightarrow ? = 8.3 - 4 = 20$

Cevap: C

7.   $\bullet \rightarrow +4, +1$   
 $\blacktriangle \rightarrow +2, -1$
- I.   $\rightarrow ?$   $\rightarrow$  II.   $\rightarrow$  III.   $\rightarrow$  IV.   $\rightarrow$  V.   $\rightarrow$  VI. 

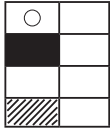
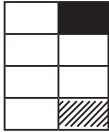
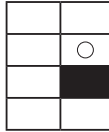
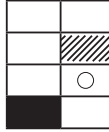
Cevap: D

8. I.   $\Rightarrow (3^2 + 5) \cdot \frac{5}{8} = 34$
- II.   $\Rightarrow 10$
- III.   $\Rightarrow (9^2 + 7) \cdot \frac{7}{16} = 88 \cdot \frac{7}{16} = \frac{77}{2}$

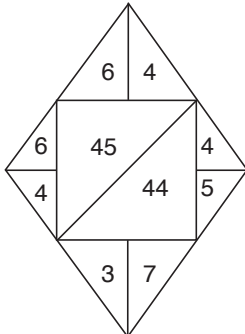
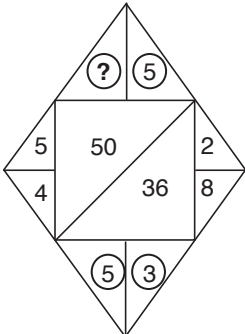
Cevap: D

9.  $K = \frac{1}{4} = \frac{90}{360}$   
 $N = \frac{1}{6} = \frac{60}{360}$   
 $M = \frac{5}{12} = \frac{150}{360}$   
 $\alpha = 360^\circ - 150 - 60 - 90 = 60^\circ$

Cevap: B

10. I.   $\rightarrow$  II.   $\rightarrow$  III.   $\rightarrow$  IV. 

Cevap: B

11. I.  II. 
- $50 = 5.3 + ? \cdot 5$   
 $\Rightarrow ? = 7$

Cevap: C

12.

☉	2	3	4	6
4	2	♥	1	♥
6	3	2	♥	1
8	4	♥	2	♥
10	5	a	b	c

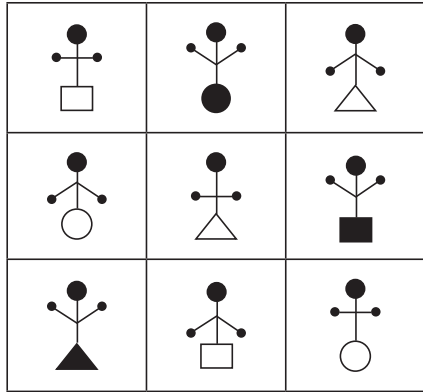
$$\rightarrow \frac{10}{3} \notin \text{Tamsayı} = \Rightarrow a = \heartsuit$$

$$\rightarrow \frac{10}{4} \notin \text{Tamsayı} = \Rightarrow b = \heartsuit$$

$$\rightarrow \frac{10}{6} \notin \text{Tamsayı} = \Rightarrow c = \heartsuit$$

Cevap: E

13.



Cevap: E

14.

	I.	II.
LOKANTA	A	6 2 5 1 8 0 1
UÇURTMA		5 1 9 1 5 2 6
ÇARKLAR		4 1 9 5 6 1 9
KARAKOL		1 5 0 3 9 8 1
AKTURNA		3 4 3 9 0 7 1

A = 1

$$\Rightarrow \text{AKTURNA} = 1503981$$

$$\Rightarrow \text{KARAKOL} = 5191526$$

Cevap: B

15.

$$\text{I. } 112 \xrightarrow{+3} 115 \xrightarrow{+3} 118 \xrightarrow{-7} 111 \xrightarrow{-7} 104$$

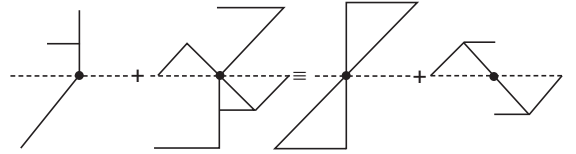
$$\text{II. } 6 \xrightarrow{.7} 42 \xrightarrow{.7} 294 \xrightarrow{-3} 291 \xrightarrow{-3} 288$$

$$\text{III. } 81 \xrightarrow{+4} 85 \xrightarrow{+4} 89 \xrightarrow{-6} 83 \xrightarrow{-6} 77$$

$$\text{IV. } 11 \xrightarrow{.6} 66 \xrightarrow{.6} 396 \xrightarrow{-4} 392 \xrightarrow{-4} 388$$

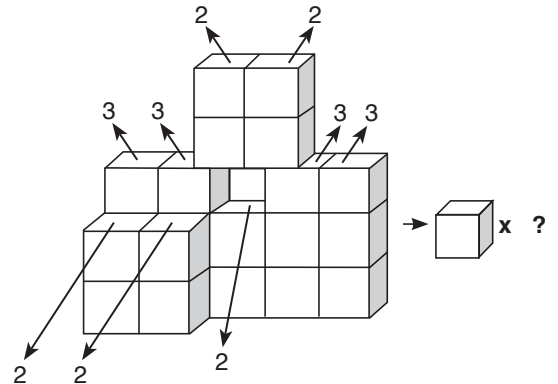
Cevap: D

16.

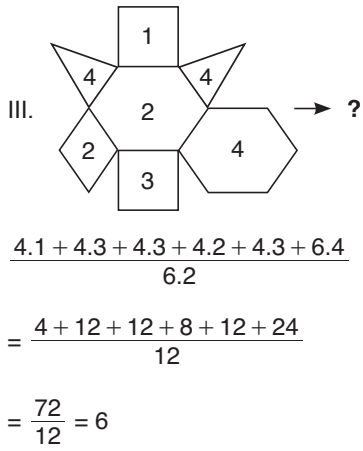
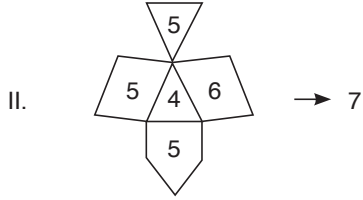
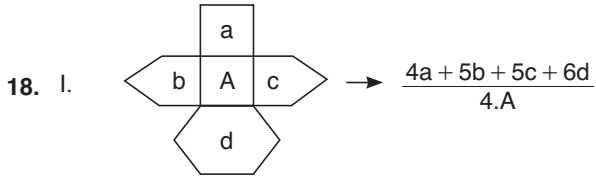


Cevap: B

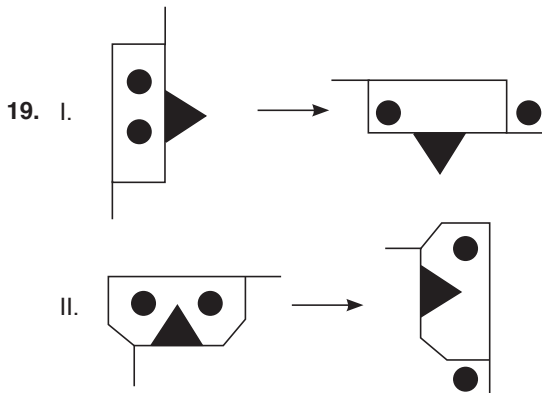
17.



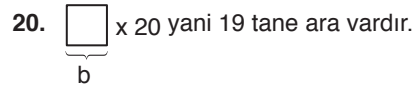
Cevap: B



Cevap: C



Cevap: A

Son ara  $2.19 = 38$ 'dir.

Buna göre

$$20.b + (2 + 4 + 6 + \dots + 38) = 480$$

$$2n = 38 \Rightarrow n = 19$$

$$n.(n + 1) = 19.20$$

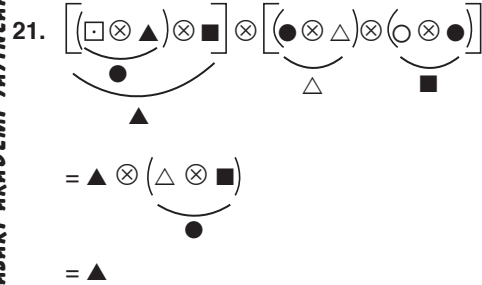
$$= 380$$

$$20b + 380 = 480$$

$$20.b = 100$$

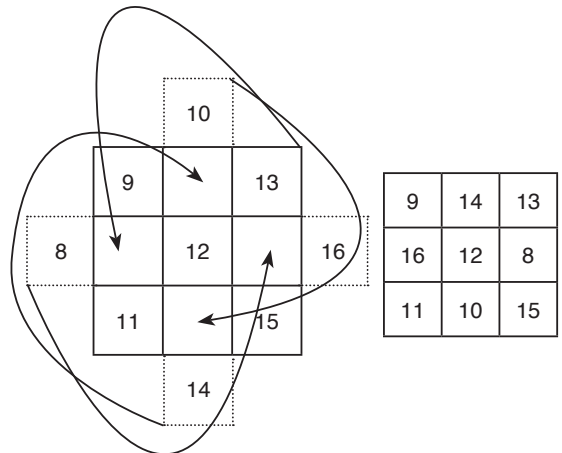
$$b = 5 \text{ bulunur.}$$

Cevap: D



Cevap: A

22.



Cevap: D

23.

I.	4	0	2
II.	1	1	1
III.	0	3	2

Cevap: D

$$24. \frac{8.9}{2} = 3G, \quad \frac{11.12}{2} = 66$$

$$\frac{14.K}{2} = 119$$

$$14.K = 238$$

$$K = \frac{238}{14} = 17$$

Cevap: E

25.

	A	B	C
	7	2	1
7.3+1	↙		↘ 1.6+1
	22	11	7
22.3+1	↙		↘ 7.6+1
	67	56	43
202=67.3+1	↙		↘ 43.6+1=259
	x	281	y

Cevap: A

26.

$$I. 18 \blacktriangle 26 = 17 = 1 + 8 + 2 + 6$$

$$II. 16 \blacktriangle 12 = 10 = 1 + 6 + 1 + 2$$

$$III. 10 \blacktriangle 14 = 6 = 1 + 0 + 1 + 4$$

$$IV. 18 \blacktriangle 30 = 12 = 1 + 8 + 3 + 0 = 12$$

Cevap: B

$$27. \begin{array}{ccccccc} & & 2.1+4 & & 2.6+4 & & 2.16+4 \\ & \swarrow & & \swarrow & & \swarrow & \\ 1 & 2 & 6 & 8 & 16 & 32 & 36 & ? \\ & \swarrow & & \swarrow & & \swarrow & & \\ & & 2.4 & & 8.4 & & 32.4 = 128 & \end{array}$$

Cevap: B

$$28. I. \begin{array}{c} 4 \\ \triangle \\ 7 \quad (67) \quad 9 \end{array} \rightarrow 9.7 + 4 = 64$$

$$II. \begin{array}{c} 1 \\ \triangle \\ 3 \quad (16) \quad 5 \end{array} \rightarrow 3.5 + 1 = 16$$

$$III. \begin{array}{c} 2 \\ \triangle \\ 5 \quad (?) \quad 8 \end{array} \rightarrow 5.8 + 2 = 42$$

Cevap: D

29.

$$I. \text{M A R I A M}$$

$$II. \text{S A M I R A}$$

$$III. \text{N A R M A N}$$

$$IV. \text{M A R I N A}$$

$$V. \text{F A R Z A M}$$

$$29. \begin{array}{c} N = 9 \\ I. \text{M A R I A M} \\ S A M I R A \\ N A R M A N \\ M A R I N A \\ F A R Z A M \end{array} \Rightarrow \begin{array}{c} II. \\ 5 2 7 4 2 5 \\ 9 2 7 5 2 9 \\ 8 2 7 0 2 5 \\ 6 2 5 4 7 2 \\ 5 2 7 4 9 2 \end{array}$$

$$\Rightarrow \text{NARMAN} = 927529$$

$$\Rightarrow \text{SAMIRA} = 625472$$

Cevap: D

30. I. II.

△ ○ ■ ○ ☆	→	5 2 3 2 7
△ ○ ● ○ ☆	→	3 8 7 2 7
● ◇ ☆ ○ ☆	⇒	1 9 7 2 7
■ ◆ ☆ ○ ☆	→	1 2 4 2 7
■ ○ ▲ ○ ☆	→	5 2 1 2 7

● = 3

⇒ △ ○ ● ○ ☆ = 52327

■ ◆ ☆ ○ ☆ = 19727

◆ = 9

⇒ ■ ◆ ☆ ○ ☆ = 1 9 7 2 7

Cevap: C

31. I. II.

Cevap: B

32. 180°

Cevap: D

33.

$x = 13 + 3^3 = 40$

Cevap: E

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34. I. II. III. IV.

Cevap: A

35. I. II. III. IV. V.

Cevap: E

36. I. II. III.

IV. V. VI.

A → ↓ 1 br, → 3 br  
 B → → 2 br

Cevap: D

37.

2.16 = 32

Cevap: D

38. I. II.

Cevap: D

39. I. II. III.

IV. V.

Cevap: A

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40. I. II. III. IV. V.

16.24 13.12 11.36 10.48 10.24

-192 dk -96 dk -48 dk -24 dk

10:48

Cevap: E