



1. ABCD

2. EFGH

3. IJKL

4. MNOP

5. QRST

$$AGRD = 100$$

$$EKTC = 121$$

$$QMGI = 146$$

$$OJBS = ?$$

a) 138

b) 139

c) 140

d) 141

e) 142

$$*363=57$$

a) 67

$$*472==67$$

b) 68

$$*351=48$$

c) 69

$$*574=?$$

d) 70

e) 71

$$*5=8$$

a) 8

$$*3=9$$

b) 9

$$*6=9$$

c) 10

$$*4=10$$

d) 11

$$*7=?$$

e) 7

- 2            3                    6                    21  
• 5            15                    ?                    7260
- a) 75  
b) 90  
c) 120  
d) 150  
e) 180

- 18            23            40            48            ?            9  
8                    17                    5
- a) 55  
b) 56  
c) 57  
d) 58  
e) 59

$$124832=4$$

$$117428=3$$

$$145945=4$$

$$126636=?$$

- a) 0  
b) 1  
c) 2  
d) 3  
e) 4

$$19*99=10$$

$$14*36=23$$

$$24*76=0$$

$$22*40=?$$

- a) 4  
b) 7  
c) 11  
d) 22  
e) 29



\*549=135

\*721=360

\*954=190

\*364=?

- a) 50
- b) 55
- c) 60
- d) 65
- e) 70

\*293=17

\*83=30

\*493=?

\*523=23

\*642=26

- a) 20
- b) 22
- c) 27
- d) 32
- e) 34

\*532=-1

\*442=8

\*265=26

\*459=-11

\*753=4

\*588=?

- a) 20
- b) 24
- c) 32
- d) 40
- e) 43

\*5342=3

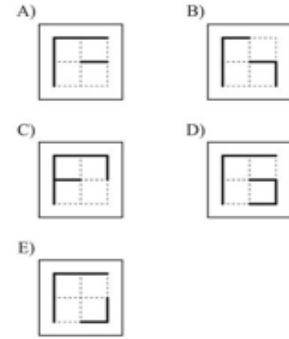
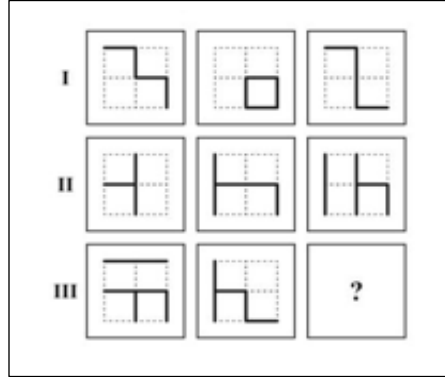
- a) 10
- b) 12
- c) 16
- d) 18
- e) 20

\*7594=-4

\*3482=3

\*3474=-6

\*4451=?



\*345=86

\*423=19

\*123=4

\*259=41

\*334=?

- a) 17
- b) 25
- c) 31
- d) 40
- e) 48

1	2	3	4	5	...	15	...	...	40
4	8	14	22	32		x			y

y-x?

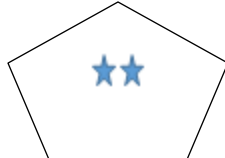
- a) 1200
- b) 1284
- c) 1392
- d) 1400
- e) 1482



30



20



42



504

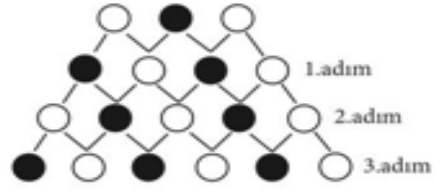


?

- a) 1540
- b) 1580
- c) 1680
- d) 1690
- e) 1710



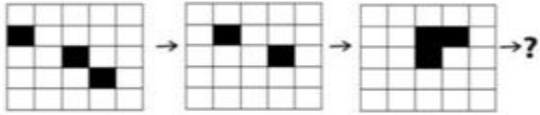
1	2	3	4	5	6	7	8	9	10
A	B	B	C	C	C	D	D	D	D
11	12	13	14	15	16	17	18	19	20
E	E	E	E	E	A	B	B	C	C
21	22	23	24	25	26	27	28	29	30
C	D	D	D	D	E	E	E	E	E
31	32	33	.....	.....	.....	.....	.....	.....	999
A	B	B	.....	.....	.....	.....	.....	.....	?



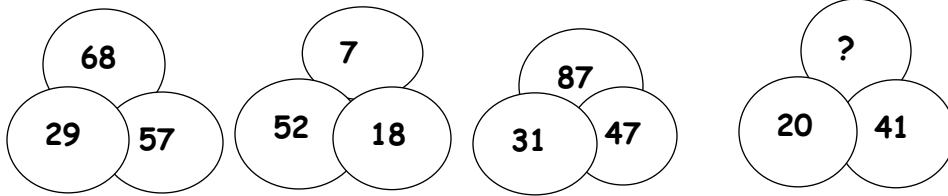
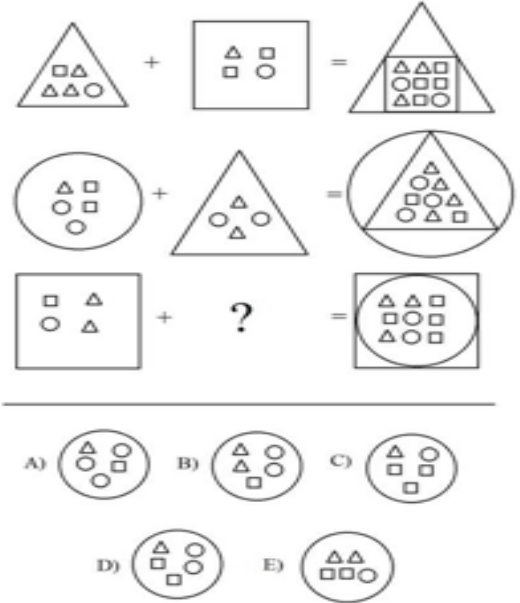
19. adımda kaç tane ● vardır?

- A) 10 B) 11 C) 12 D) 13 E) 14

- A) A B) B C) C  
D) D E) E



- A)
- B)
- C)
- D)
- E)



- a) 61  
b) 42  
c) 28  
d) 16  
e) 72



2	3	5	6
7	x	y	11
15	z	18	19
20	21	23	24

- a) 8,10,16
- b) 6,10,17
- c) 8,11,17
- d) 9,11,16
- e) 8,11,16

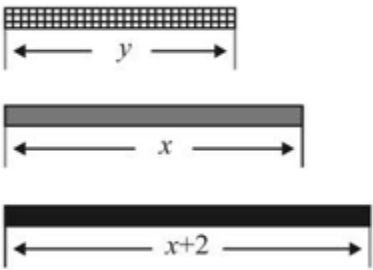
3	8	2	5	35
2	8	4	8	46
9	8	6	9	29
8	4	3	7	?

- a) 28
- b) 29
- c) 36
- d) 39
- e) 42

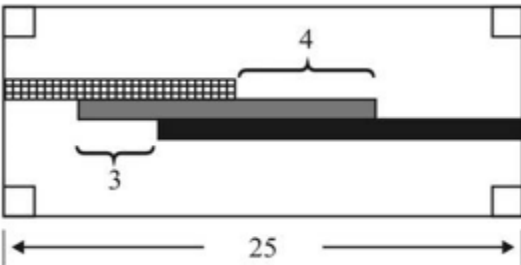
8	2	1	3	1	3	2	6
2	3	6	1	3	8	1	2
2	1	1	6	8	3	3	2
3	6	x	2	y	6	8	1
1	z	2	8	6	2	3	3

- a) 8,8,2
- b) 6,8,3
- c) 8,2,3
- d) 6,2,1
- e) 8,2,1

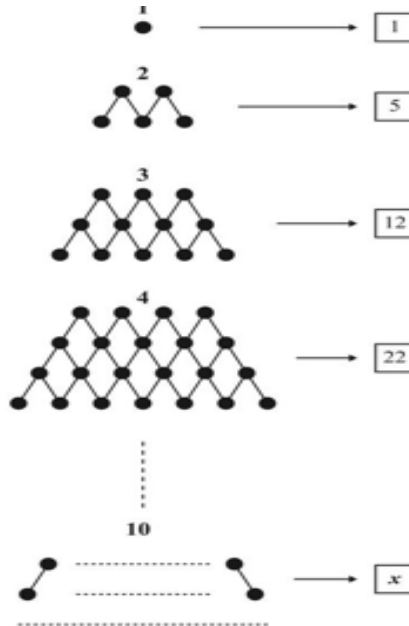
- a) 5
- b) 6
- c) 7
- d) 8
- e) 9



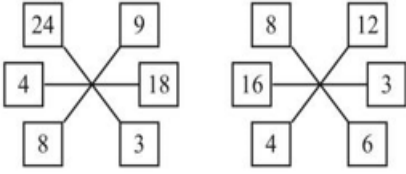
- a) 14
- b) 15
- c) 16
- d) 17
- e) 18



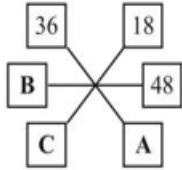
$y = ?$



- a) 143
- b) 145
- c) 146
- d) 147
- e) 148



$$20 < A+B+C < 40 \Rightarrow A-B+C=?$$



A) 10

B) 12

C) 15

D) 18

E) 19



A) 1979

B) 4437

C) 6518

D) 7172

E) 9920

$$\frac{ABC}{ACD} = 100$$

$$\frac{ABY}{XBY} = 010$$

$$\frac{BCX}{XYX} = 001$$

$$\frac{ABC}{ABC} = ?$$

a) 000

b) 011

c) 010

d) 111

e) 110

$$KKL+MMK=LNLM$$

$$K+M+N+L=?$$

a) 13

b) 16

c) 12

d) 15

e) 14

$$7*8=0$$

$$5*4=6$$

$$9*5=3$$

$$5*8=5$$

$$3*4=?$$

a) 4

b) 5

c) 6

d) 7

e) 8

115    27    53    34    25    X    85

a) 24

b) 27

c) 29

d) 31

e) 33

$254\sqrt{10}$

$361\sqrt{6}$

$123\sqrt{6}$

$164\sqrt{8}$

?

a)  $492\sqrt{7}$

b)  $362\sqrt{6}$

c)  $251\sqrt{5}$

d)  $515\sqrt{5}$

e)  $322\sqrt{4}$

568    125    30    9    ?    65    61

a) 36

b) 25

c) 65

d) 81

e) 61

679

474

296

192

?

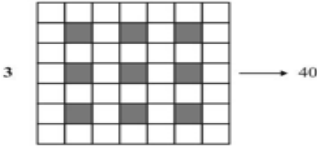
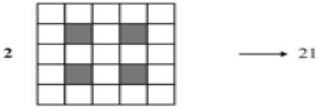
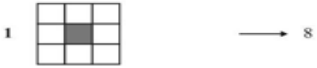
a) 85

b) 89

c) 92

d) 95

e) 97



- a) 455
- b) 479
- c) 463
- d) 481
- e) 495

21   ?   69   133   261   517

- a) 29
- b) 31
- c) 35
- d) 37
- e) 42

$32 * 72 = 5$

$43 * 53 = 3$

$86 * 23 = 2$

$64 * 52 = ?$

- a) 1
- b) 2
- c) 3
- d) 4
- e) 6

$11 * 44 = 2$

$21 * 62 = 5$

$33 * 81 = 9$

$63 * 99 = ?$

- a) 3
- b) 4
- c) 5
- d) 8
- e) 9

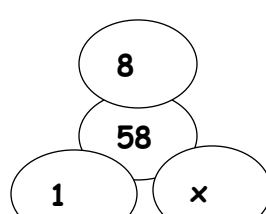
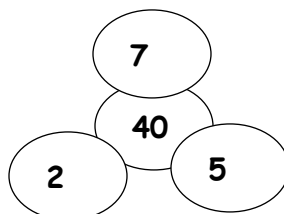
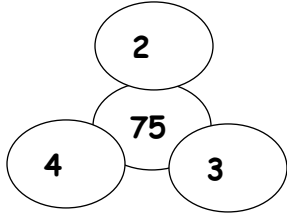
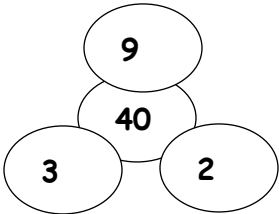
$12 , x$

$49 , 85$

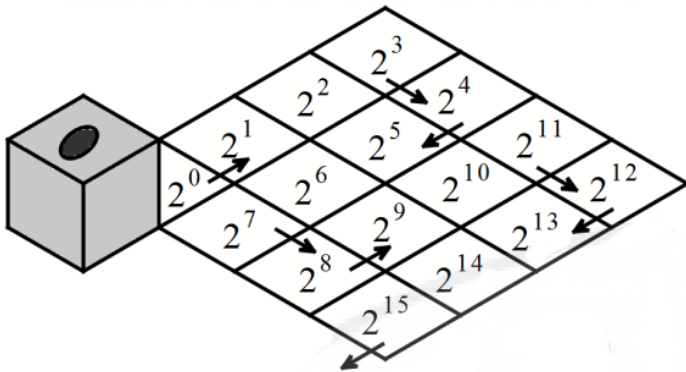
$11 , 25$

$4 , 144$

- a) 1
- b) 2
- c) 3
- d) 4
- e) 5



- a) 3
- b) 5
- c) 7
- d) 9
- e) 11



اگر تاس در جهت های داده شده کل جدول را طی کند ..  
حاصلضرب تمام خانه هایی که دایره مشکی با آنها تماس  
پیدا میکند کدام گزینه است؟

- a)  $2^8$
- b)  $2^9$
- c)  $2^{16}$
- d)  $2^{23}$
- e)  $2^{24}$