

41. Dijital bir göstergede rakamları göstermek için kullanılan çizgi sayısı aşağıdaki tabloda verilmiştir. 12 çizgi kullanılarak oluşturulabilecek rakamları farklı en büyük 3 basamaklı sayı aşağıdakilerden hangisidir?

Following table shows the number of lines to show the digits on a digital indicator.

Digits	0	1	2	3	4	5	6	7	8	9
Number of lines	6	2	5	5	4	5	6	3	7	6

What is the biggest 3-digit number with different digits formed using 12 lines?

قد تمّ عدد الخطوط التي استخدمت لإظهار الأرقام في المؤشر الرقّمي في الجدول التالي.

الرقم	0	1	2	3	4	5	6	7	8	9
عدد الخطوط	6	2	5	5	4	5	6	3	7	6

ما هو أكبر رقم ثلاثي مختلف الأعداد الممكن تشكيله باستخدام اثني عشر خطاً من التالي؟

- A)641 B)782 C) 872 **D) 941** E)981

42.

8	4	11	7	14	10	X	Y
---	---	----	---	----	----	---	---

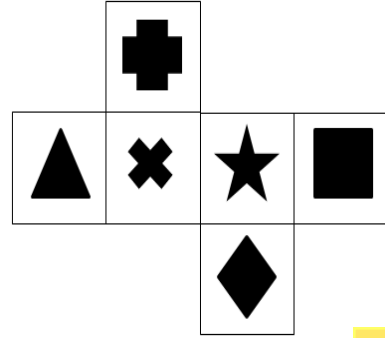
X-Y=?

- A)3 **B)4** C)5 D)6 E)7

43. Aşağıdaki şeklin katlanmasıyla oluşabilecek küp hangisidir?

Which cube is the folded form of the following shape?

أي مكعب يحتمل أن يتشكل بعد طي الشكل الموجود في الأسفل؟



A)



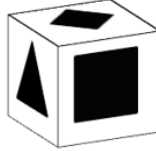
B)



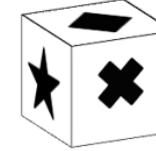
C)



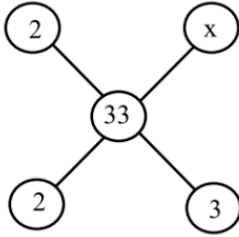
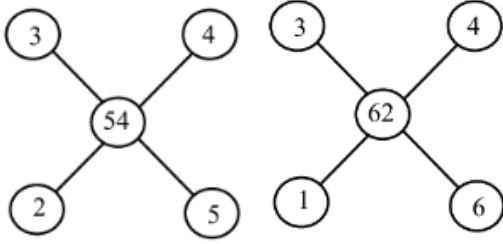
D)



E)



44.



x=?

- A)1 B)2 C)3 **D)4** E)5

45. Saat 10:15'te akrep ile yelkovan arasındaki küçük açı kaç derecedir?

What is the degree of acute angle between the hour and minute hands of the clock at 10:15?

ما هي قيمة الزاوية الصغيرة التي بين عقرب الدقائق و عقرب الساعات عند الساعة 10:15؟

- A) 141,5⁰ **B)142,5⁰** C)150⁰
D) 156,5⁰ E) 157,5⁰

46. 3,5,11,29,83,245,x,... dizisinde x=?

*If 3, 5, 11, 29, 83, 245, x, ...
Then x=?*

ما هي قيمة x في هذه السلسلة 3,5,11,29,83,245,x,...؟

- A)549 B)552 C)684 **D)731** E)773

47.

I	}	II
KAT		417
TAY		814
TAM		715
YAL	}	419

I. Gruptaki her bir kelime, II. gruptaki ile sayılarla eşleştirilirse MALATYA kelimesine karşılık gelen aşağıdakilerden hangisidir?.

The letters in group I. match with numbers in group II. Then what is the combination of numbers that matches the word MALATYA?

رقماً في المجموعة II إذا كان تقابل كل كلمة في المجموعة I، فأى رقم يقابل كلمة MALATYA؟

- A) 9151471** B) 5191471
C) 7151941 D) 9171451
E) 7141591

48.

$$\begin{array}{l} \text{I} \\ 1234 \\ 1347 \\ 2579 \\ 2489 \end{array} \left\{ \begin{array}{l} \text{II} \\ \otimes \Phi \Omega \square \\ \oplus \Omega \nabla \Delta \\ \otimes \oplus \Phi \Omega \\ \oplus \ominus \square \Delta \end{array} \right. \text{ ise } 1975 = ?$$

A) $\otimes \Delta \square \ominus$

B) $\otimes \square \Delta \ominus$

C) $\ominus \otimes \Delta \square$

D) $\Phi \Omega \otimes \oplus$

E) $\Phi \Omega \oplus \otimes$

49.

$$\begin{array}{c} \triangle \\ 2 \end{array} = 6$$

$$\begin{array}{c} \triangle \\ 3 \end{array} = 9$$

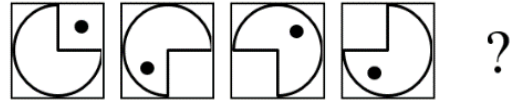
$$\begin{array}{c} \square \\ 8 \end{array} = 2$$

$$\begin{array}{c} \square \\ 12 \end{array} = 3$$

$$\Rightarrow \begin{array}{c} \triangle \\ 1 \end{array} + \begin{array}{c} \square \\ 4 \end{array} = ?$$

A)4 B)5 C)6 D)7 E)8

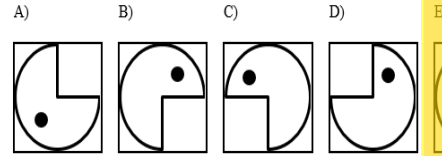
50.



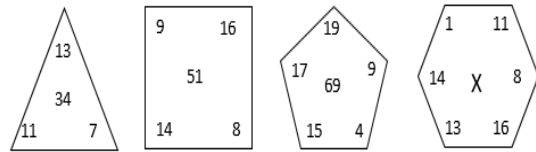
Yukarıda soru işaretinin yerine aşağıdakilerden hangisi gelmelidir?

Which of the following should replace question mark (?) in the pattern above?

ما الذي ينبغي أن نضعه بدلاً من علامة الاستفهام في الأعلى؟



51.



X=?

A)42 B)69 C)72 D)73 E)84

52. MHGRSYMHGRSYMHGRSY...
harf dizisinde 142.harf aşağıdakilerden
hangisidir?

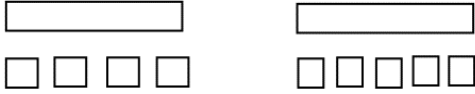
*What letter is the 142nd in the
following combination of letters:*

MHGRSYMHGRSYMHGRSY...

ما هو الحرف الذي يصادف ترتيبه 142 في السلسلة
بالأسفل؟

A)M B)H C)G **D)R** E)S

53.



Şekil (a)

Figure (a)

Bir işçi dikdörtgen şeklindeki bir levhayı Şekil (a) daki gibi dört eşit parçaya testere ile 12 dakikada bölmektedir. Bu işçi aynı levhayı Şekil (b) deki gibi 5 eşit parçaya kaç dakikada böler?

A worker cuts a rectangle plate into 4 equal pieces as in Figure a with a saw in 12 minutes. How many minutes does it take for the same worker to cut the same plate into 5 equal pieces as in Figure b?

يقوم عامل بتقسيم مستطيل وفقاً للشكل (a) إلى أربعة أقسام متساوية في مدة تستغرق 12 دقيقة. في كم دقيقة يقسم هذا العامل اللوحة وفقاً للشكل (b) إلى خمسة أقسام متساوية؟

A) 12 B)15 **C)16** D)18 E) 20

54.

	a	b	c
+			
a		c-8	
b			
c	b+2		

x	a	b	c
a			
b			
c		-6	

Yukarıda toplama ve çarpma işlemleri ile tanımlanan tablolarda a, b, c harfleri birer sayıya karşılık gelmektedir. Buna göre $b^2 + c^2$ kaçtır?

The tables above define addition and multiplication, where a, b, c letters refer to a unique number. Then, $b^2 + c^2 = ?$

ترمز كل من الأحرف a, b, c لرقم في الجداول المعرفة بعمليات الجمع و الضرب في الأعلى. ما هي قيمة $b^2 + c^2$ حسب هذه المعلومات؟

A)13 B) 19 C) 25 D) 31 E) 37

55.

3	8	6	2
7	5	3	4
4	2	x	6
5	4	3	7

x yerine aşağıdaki sayılardan hangisi gelmelidir?

Which of the following numbers should replace x?

ما هو الرّقم المناسب بدلاً من x في الأسفل؟

A)4 B) 5 C) 6 **D) 7** E) 8

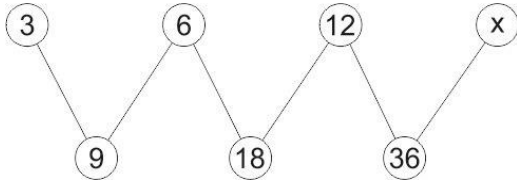
56.

8	7	5	9
6	9	0	x
7	8	5	6
2	2	1	3

x=?

- A)5 B)6 C)7 D)8 E)9

57.



x =?

- A)24 B) 27 C) 30 D) 33 E) 72

58.

- I. 243---→ 20
 II. 832--→ 30
 III. 545---→ 40
 IV. 446 --→ 40
 V. 353 --→ x

x=?

- A)20 B)30 C)40 D)50 E)60

59.

a^b			b^a
	a	b	
$a+b$			$a.b$

şeklinde tanımlı işlemlere göre aşağıdaki tablo veriliyor.

The following table is given based on the defined operations above.

وفقاً للعمليات المحددة في الشكل الذي يعطيها هذا الجدول في الأسفل

x			y
	2	3	
w			z

Buna göre

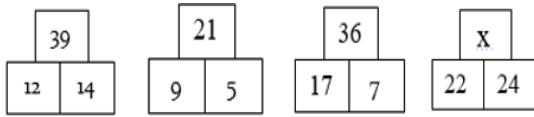
Then

وفقاً لذلك

$$\frac{x+y}{w-z} = ?$$

- A)17 B)-17 C)71 D)-71 E) -7

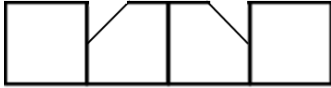
60.



x=?

- A)15 B)46 C)52 D)66 E)69

61.

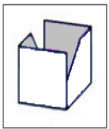


Yukarıdaki şekil katlandığında aşağıdakilerden hangisi elde edilir?

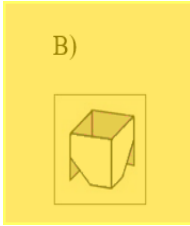
Which of the following is the folded form of the shape above?

أي شكل سنحصل عليه بعد طي الشكل الموجود في الأعلى؟

A)



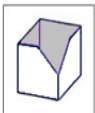
B)



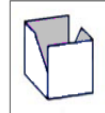
C)



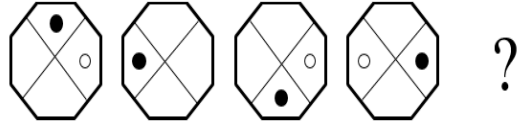
D)



E)



62.



Yukarıda soru işaretinin yerine aşağıdakilerden hangisi gelmelidir?

Which of the following should replace question mark (?) in the pattern above?

ما الذي ينبغي أن نضعه بدلاً من علامة الاستفهام في الأعلى؟

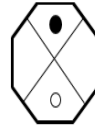
A)



B)



C)



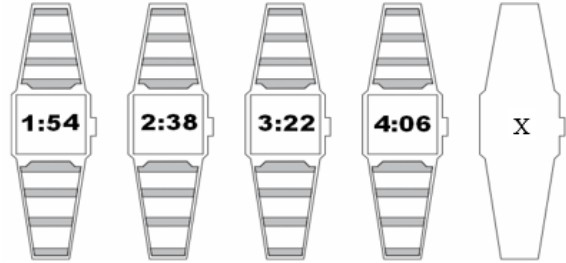
D)



E)



63.



X=?

A) 4:50

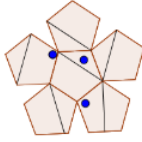
B) 5:00

C) 5:08

D) 5:10

E) 5:13

64.

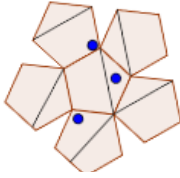


Yukarıdaki şeklin saatin tersi yönde 45° derece döndürülmüş hali aşağıdakilerden hangisidir?

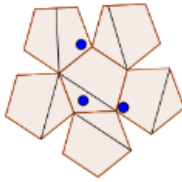
Which of the following is the shape above rotated by 45° degrees counterclockwise?

أي شكل سنحصل عليه عند تدوير الشكل في الأعلى 45° عكس عقارب الساعة؟

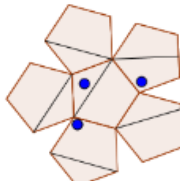
A)



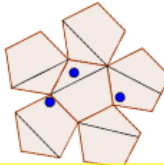
B)



C)



D)



E)

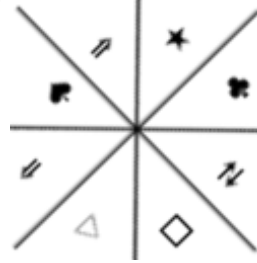


65. Aşağıdaki şekillerden hangisi farklıdır?

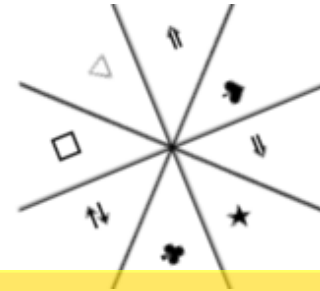
Which of the following shapes is different?

أي شكل مما يلي هو المختلف؟

A)



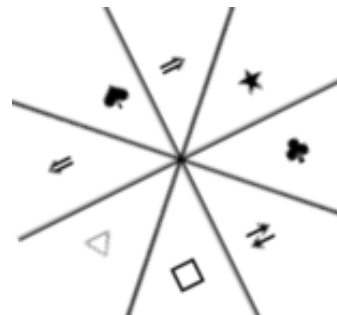
B)



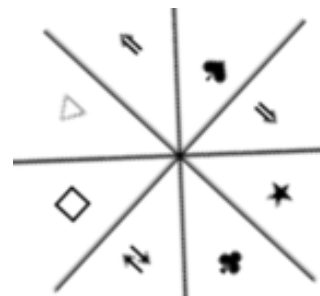
C)










D)



E)



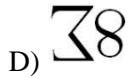
66.

$\Sigma\infty$	$\Sigma\infty$	$\Sigma 8$	$\Sigma 8$
$\Sigma\infty$	$\Sigma\infty$	$\Sigma 8$	$\Sigma 8$
			
			?

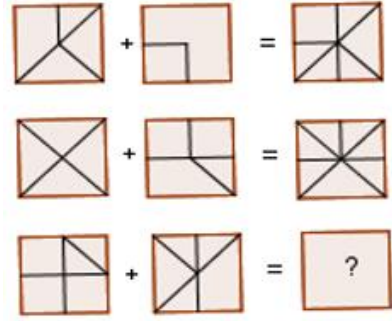
Yukarıdaki şekiller arasında bir ilişki vardır. Buna göre ? yerine hangi şekil gelmelidir?

Which of the following shape should replace question mark (?) in the pattern above?

هناك علاقة بين الأشكال أعلاه. وفقاً لذلك أي شكل يجب أن نضعه بدلاً من علامة الاستفهام؟



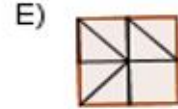
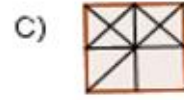
67.



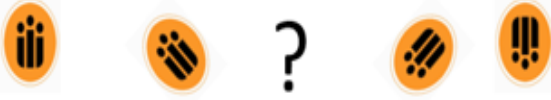
Soru işareti yerine aşağıdakilerden hangisi gelmelidir?

Which of the following should replace question mark (?) in the pattern above?

أي شكل مما يلي يجب أن نضعه بدلاً من علامة الاستفهام؟



68.



Yukarıdaki şemaya göre ? yerine aşağıdakilerden hangisi gelmelidir?

Which of the following should replace question mark (?) in the pattern above?

وفقاً للشكل أعلاه، أي شكل مما يلي يجب أن نضعه بدلاً من علامة الاستفهام؟



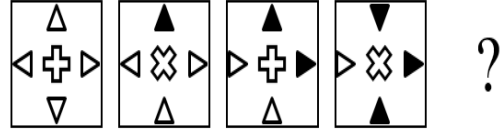
69.

KUTU	9174	5152
TAKI		
ALTI	1594	
LALE	7393	2581
ELMA		

KATILIM=?

- A) 7154948 B) 7194548 C) 9174845
D) 7394548 E) 9173538

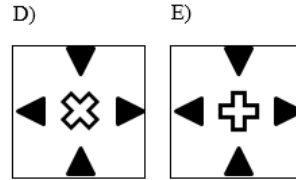
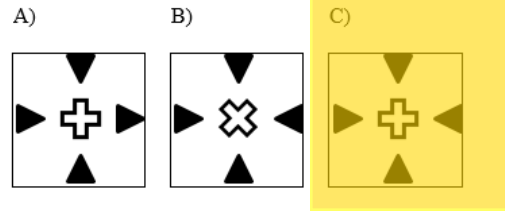
70.



Soru işareti yerine aşağıdakilerden hangisi gelmelidir?

Which of the following should replace question mark (?) in the pattern above?

أي مما يلي يجب أن نضعه بدلاً من إشارة الإستفهام؟



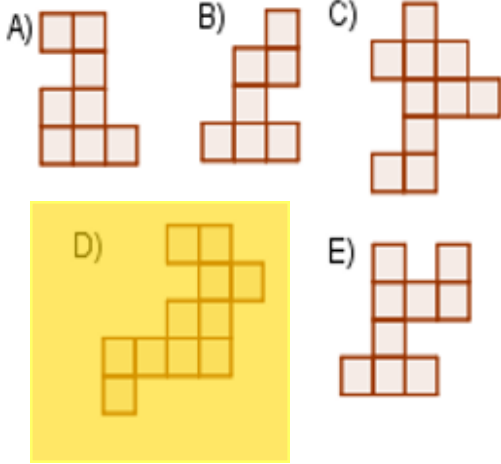
71.



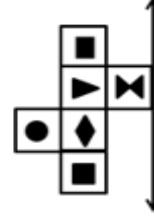
Yukarıdaki şeklin içinde aşağıdaki şekillerden hangisi yoktur?

Which of the following does not fit into the shape above?

أي من الأشكال التالية غير موجود في الشكل الأعلى؟



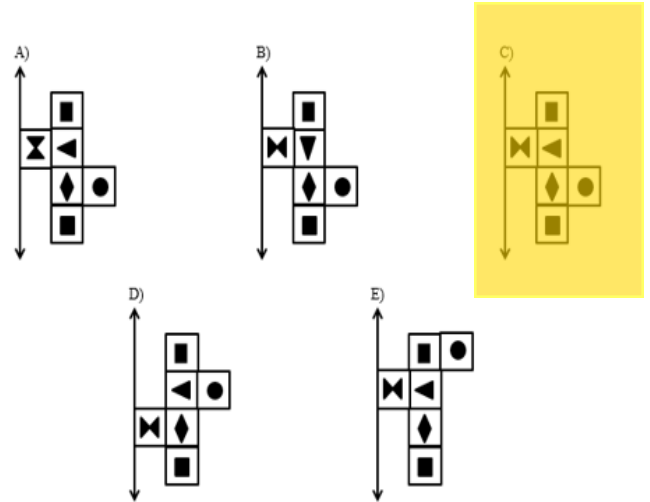
72.



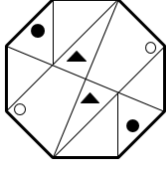
Yukarıdaki şeklin verilen eksene göre simetriği aşağıdakilerden hangisidir?

Which of the following is the symmetrical display of the shape above in the given direction?

أي شكل مما يلي هو المناظر للشكل الأعلى وفقاً للمحور المحدد؟



73.

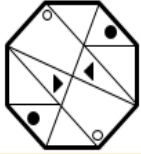


Yukarıdaki şekil saat yönünde 270 derece döndürülürse aşağıdakilerden hangisi elde edilir?

Which of the following is the shape above rotated by 270° degrees clockwise?

أي شكل سنحصل عليه عند تدوير الشكل في الأعلى 270° مع عقارب الساعة؟

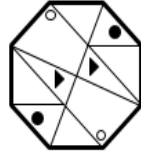
A)



B)



C)



D)



E)



74.



?

Yukarıdaki soru işareti yerine hangi şekil gelmelidir?

Which of the following should replace question mark (?) in the pattern above?

أي شكل مما يلي يجب أن نضعه بدلاً من إشارة الإستفهام؟

A)



B)



C)



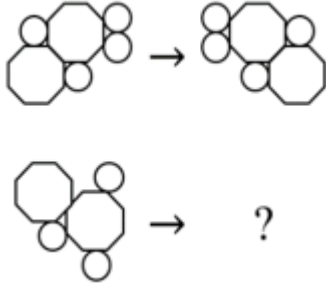
D)



E)



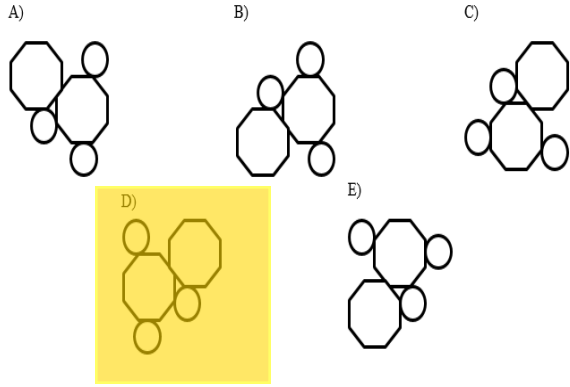
75.



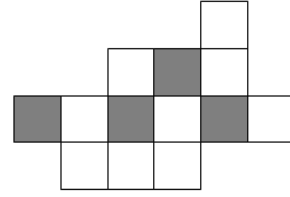
Soru işaretinin yerine aşağıdaki şekillerden hangisi gelmelidir?

Which of the following should replace question mark (?) in the pattern above?

أي شكل مما يلي يجب أن نضعه بدلاً من إشارة الإستفهام؟



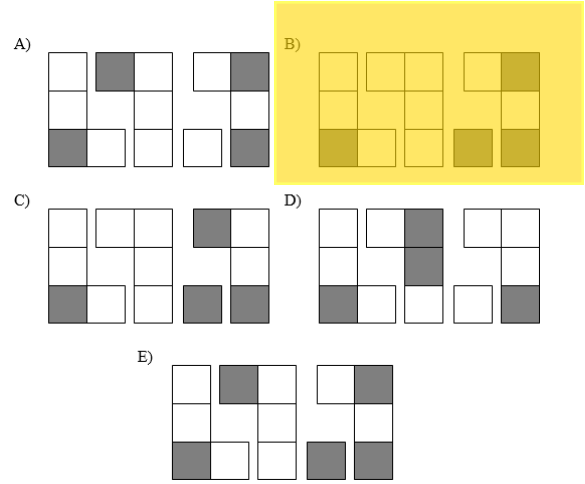
76.



Yukarıdaki şekil aşağıdaki gruptardan hangisi ile elde edilebilir?

Which of the following groups of blocks are used to build the shape above?

أي مجموعة من الأشكال التالية تعطينا الشكل الموضح في الأعلى؟



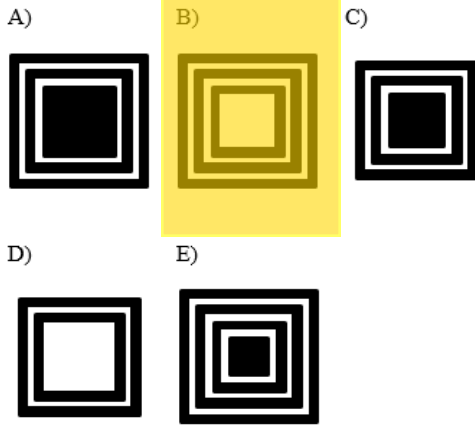
77.



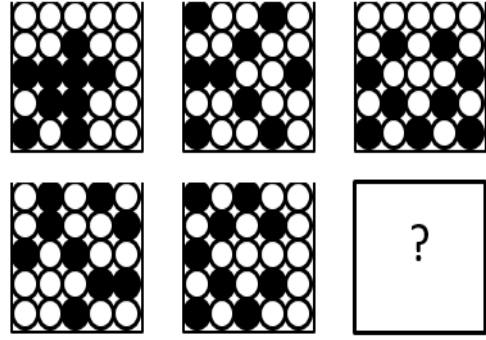
Yukarıda soru işaretinin yerine aşağıdakilerden hangisi gelmelidir?

Which of the following should replace question mark (?) in the pattern above?

أي من الأشكال التالية يجب أن نضعه بدلاً من إشارة الإستفهام في الأعلى؟



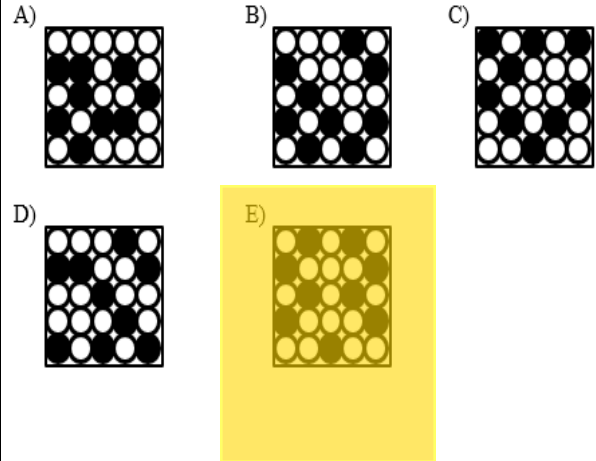
78.



Soru işaretinin yerine aşağıdakilerden hangisi gelmelidir?

Which of the following should replace question mark (?) in the pattern above?

أي من الأشكال التالية يجب أن نضعه بدلاً من إشارة الإستفهام؟



79.

2	5	→ 25
3	3	→ 27
3	4	→ 64
6	1	→ 1
6	2	→ x

x yerine aşağıdaki sayılardan hangisi gelmelidir?

Which of the following should replace x in the pattern above?

أي رقم مما يلي يجب أن نضعه بدلاً من x؟

A) 2 B) 12 C) 36 D) 64 E) 128

80.

$$\begin{aligned} \bigcirc - \diamond &= 1 \\ \bigcirc + \diamond &= 3 \end{aligned} \Rightarrow \bigcirc \div \diamond = ?$$

- A) $\bigcirc \times \bigcirc$ B) $\bigcirc \times \diamond$ C) $\diamond \div \bigcirc$
D) $\bigcirc + \bigcirc$ E) $\diamond \times \diamond$