



METROPOL
متروپل وزرا

سؤالات آزمون یوس

دانشگاه اینونو

۲۰۱۷



İNÖNÜ
ÜNİVERSİTESİ
YÖS SORULARI
2017

1. $\frac{(-1)^3 - 2^2 + 1}{-1 + \frac{7}{3}} = ?$

- A) -4 B) -3 C) 0 D) 3 E) 4

2. $\sqrt{\frac{abc,abc}{a,bcabc}} + \sqrt{\frac{1111}{11}} + 20 = ?$

- A) 110 B) 100 C) 54 D) 33 E) 21

3. $\frac{\sqrt{2,5} + \sqrt{3,6}}{\sqrt{16,9} - \sqrt{4,9}} = ?$

- A) $\frac{6}{11}$ B) $\frac{6,1}{12}$ C) $\frac{\sqrt{6,1}}{2\sqrt{3}}$ D) $\frac{11}{6}$ E) $\frac{12}{5}$

4. $\left. \begin{array}{l} \frac{3}{x} - \frac{2}{y} = 1 \\ x - 3y = 0 \end{array} \right\} \Rightarrow x = ?$

- A) -6 B) -3 C) -1 D) 1 E) 3

5. $\left. \begin{array}{l} x^2 - y^2 = 5 \\ xy = \sqrt{17} \end{array} \right\} \Rightarrow x^2 + y^2 = ?$

- A) 9 B) $\sqrt{85}$ C) $\sqrt{90}$ D) $\sqrt{93}$ E) 11

6. $\frac{a}{b} = -3 \Rightarrow \left(\frac{b}{a}\right)^{-3} = ?$

- A) 27 B) 9 C) 1 D) -9 E) -27

7. $m, n, s, t, k, p \in \mathbb{Z}^+$,

$$\frac{44}{n} = \frac{m}{t} \quad \frac{57}{n} = \frac{m}{s} \quad \frac{m}{p} = \frac{n}{k}$$

$\Rightarrow p = ?$

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

8. a, b, c pozitif tam sayılar ve

$$2a=b$$

$$5c=4b$$

olduğuna göre, aşağıdaki sıralamalardan hangisi doğrudur?

If a, b, c are positive integers and

$$2a=b$$

$$5c=4b$$

Which of the following sequences is correct?

إذا كان a, b, c من أعداد صحيحة موجبة فأي من الترتيبات التالية صحيحة؟

- A) $a < b < c$ B) $a < c < b$ C) $c < a < b$
D) $c < b < a$ E) $b < c < a$

9. Bir malın fiyatında indirim yapıldıktan sonra bir günde satılan mal miktarı %25 artarken satışlardan elde edilen gelir değişmediğine göre, yüzde kaç indirim yapılmıştır?

If the amount of a good sold increases by 25%, but the income remains the same after a price discount on that good, what is the percentage of the discount?

إذا كان يزداد هـ بـاع من سـلع قـبـسـبـة 25% لـهـي لـهـو جـعـد قـضـبـتـهـا، لـكـن لـدـخـل يـقـى لـهـى فـس مـا كـل قـبـل الـخـفـض فـلـم قـيـمـة لـلـخـفـض؟

- A) 20 B) 22,5 C) 25
D) 27,5 E) 30

10. $A = \{a, b, c, d, e, f\}$ kümesinin en az 4 elemanlı kaç tane alt kümesi vardır?

How many subsets with at least 4 elements does set $A = \{a, b, c, d, e, f\}$ have?

$$A = \{a, b, c, d, e, f\}$$

كـم مـجـمـوع قـسـمـي قـبـضـوي لـهـى مـا لـا يـقـى لـهـى عـن أـبـع عـن لـصـر لـهـذـهـا لـمـجـمـوع قـبـي الأـلـهـى؟

- A)4 B)7 C)15 D)20 E)22

$$11. \left. \begin{array}{l} 5^x = 9 \\ 9^y = 125 \end{array} \right\} \Rightarrow x \cdot y = ?$$

- A) 3 B) 5 C) 7 D) 9 E) 11

$$12. x, y \in \mathbb{R}, \\ (x + y - 15)^2 + (x - y - 3)^2 = 0 \\ \Rightarrow \frac{x}{y} = ?$$

- A) $\frac{1}{3}$ B) $\frac{1}{2}$ C) $\frac{2}{3}$ D) 1 E) $\frac{3}{2}$

$$13. \left. \begin{array}{l} \frac{\sqrt{x \cdot y}}{a} = 2 \\ \frac{\sqrt{x \cdot z}}{b} = 3 \\ \frac{\sqrt{y \cdot z}}{c} = 4 \end{array} \right\} \Rightarrow \frac{x \cdot y \cdot z}{a \cdot b \cdot c} = ?$$

- A) 6 B) 8 C) 12 D) 24 E) 48

$$14. i^2 = -1 \Rightarrow \frac{i^{2017} - i^{2016}}{i^{2019} - i^{2016}} = ?$$

- A) 3i B) 2i C) -3i D) -2i E) -i

$$15. \\ z = 2017 \Rightarrow \frac{2018! - 2017!}{2017!} = ?$$

- A) z B) z+1 C) z \cdot 2017! D) z! E) z : 2018!

$$16. (10101010)_2 = (2a2)_8 \Rightarrow a = ?$$

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

17. $4x^3 - 3x^2 + 5 + x \cdot P(x) = 3x^3 - x^2 + 5$
 $\Rightarrow P(x) = ?$

- A) $3x^3+x^2+5$ B) $-x^2+5$ C) x^2-x+5
D) $-x^2+2x$ E) $3x^2-5$

18. $P(x) = 3x^3 - 2x^2 + x + 3$
polinomunun $(x - 2)$ ile bölümünden kalan nedir?

What is the remainder after the division of $P(x) = 3x^3 - 2x^2 + x + 3$ polinom to $x-2$?

ما هو الباقي عند قسمة كثير الحدود $P(x) = 3x^3 - 2x^2 + x + 3$ على $x-2$ ؟

$P(x) = 3x^3 - 2x^2 + x + 3$

- A)21 B) 15 C)7 D) 5 E) 3

19. $a \cdot b > 0, a^2 \cdot b < 0 \Rightarrow$
 $\frac{|b| - |a + b| - 2}{2 - a} = ?$

- A)a B) -a C) -1 D) -2 E) b

20. $f(abc) = a^{(b^c)} \Rightarrow$

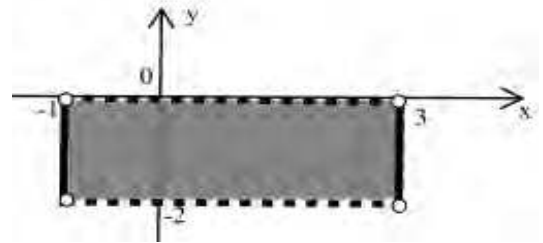
$f(123) + f(231) + f(321) = ?$

- A)17 B)18 C)19 D)20 E)21

21. Şekildeki taralı bölge $A \times B$ nin grafiğidir.

The shaded area is the graphic of $A \times B$

المساحة المظلمة هي التي توضح شكل $A \times B$



Buna göre $A \times B$ kümesi aşağıdakilerden hangisidir?

Then, which of the following is the $A \times B$ set?

عن فضاء ما مجموع $A \times B$ ممتلي؟

- A) $\{ (x, y) : x, y \in \mathbb{R}, |x - 1| \leq 2, |y + 1| < 1 \}$
B) $\{ (x, y) : x, y \in \mathbb{R}, |x + 1| \leq 2, |y - 1| < 1 \}$
C) $\{ (x, y) : x, y \in \mathbb{R}, |x + 1| \leq 2, |y + 1| < 1 \}$
D) $\{ (x, y) : x, y \in \mathbb{R}, |x - 1| < 2, |y - 1| < 1 \}$
E) $\{ (x, y) : x, y \in \mathbb{R}, |x - 1| < 2, |y + 1| \leq 1 \}$

22. Bire-bir örten $f : \mathbb{R} \rightarrow \mathbb{R}$ fonksiyonu için

$$(f \circ f^{-1})(4x - 3) = 5$$

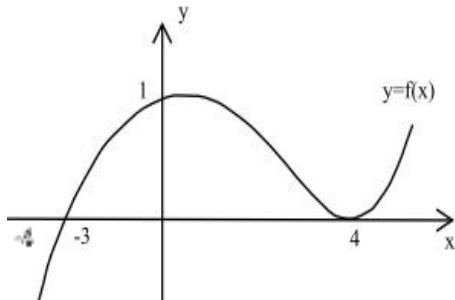
ise $x=?$

If $f : \mathbb{R} \rightarrow \mathbb{R}$ is bijection and $(f \circ f^{-1})(4x-3)=5$, then $x=?$

إن كملت $f : \mathbb{R} \rightarrow \mathbb{R}$ هي الدالة البيئية،
إن $x = ?$ $(f \circ f^{-1})(4x - 3) = 5$

- A)-3 B)-2 C)-1 D) 1 E)2

23.



Yukarıda grafiği verilen f fonksiyonu için aşağıdakilerden hangisi yanlıştır?

Which of the following is **wrong** about the f function given in the graphic above?

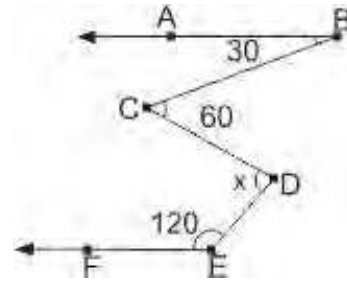
في الرسم f أي شركل مملول ي هو لخط الدالة
ال موضح أعلاه؟

- A) $(f \circ f)(4) = 1$ B) $(f \circ f)(0) > 0$
C) $f(-4)f(2) < 0$ D) $f(-1)f(1) < 0$
E) $(f \circ f)(-3) = 1$

$$24. \left. \begin{array}{l} a \circ b = a - b \\ a * b = \frac{a}{b} \\ a \Delta b = a \cdot b \end{array} \right\} \Rightarrow 9 \circ [(6 * 3) \Delta 2] = ?$$

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

25.



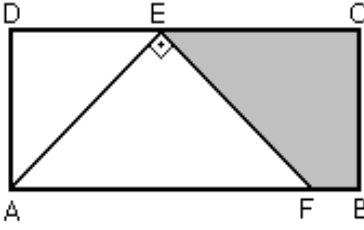
Yukarıdaki şekilde $[BA \parallel [EF$ olduğuna göre $m(\angle CDE) = x$ kaç derecedir?

If $[BA \parallel [EF$, then $m(\angle CDE) = x$?

إن كملت $[BA \parallel [EF$ فعن وئذ $m(\angle CDE) = x$ ؟

- A) 60° B) 65° C) 70° D) 80° E) 90°

26.



Yukarıdaki ABCD dikdörtgeninde $|AD| = |DE| = 3\text{ cm}$ ve $|AF| = 3 \cdot |FB|$ ise ECBF yamuğunun alanı kaç cm^2 dir?

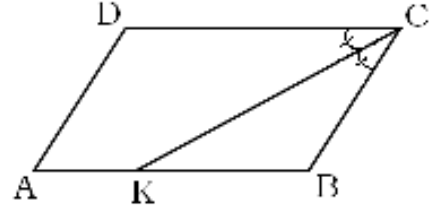
According to the ABCD rectangle above, if $|AD| = |DE| = 3\text{ cm}$ and $|AF| = 3 \cdot |FB|$, then what is the shaded area of ECBF trapezoid in cm^2 ?

وفوق المثلث طيل ABCD في الأعلى، إذا كانت $|AD| = |DE| = 3\text{ cm}$ وكانت

المظل لشبه المثلث حرف ECBF بالسم²؟

- A) 5 B) $\frac{11}{2}$ C) $\frac{21}{2}$ D) 11 E) 15

27.



Yukarıdaki ABCD paralelkenarında; $[CK]$, \hat{C} açısının açıortayı, $5 \cdot |AK| = 3 \cdot |KB|$ ve $\zeta(ABCD) = 78$ birimdir. Buna göre $|DC|$ kaç birimdir?

According to the ABCD parallelogram; $[CK]$ is bisector of \hat{C} angle, $5 \cdot |AK| = 3 \cdot |KB|$ and $\zeta(ABCD) = 78$ units. Then how many units is $|DC|$?

بالنسبة لمتوازي الأضلاع ABCD: إن $[CK]$

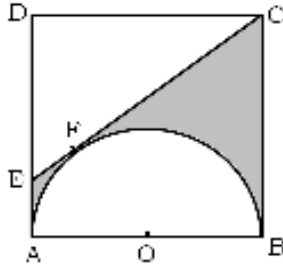
نصف فلق قطع الزاوي \hat{C} ، إن كمل تليقيم

$\zeta(ABCD) = 78$ و $5 \cdot |AK| = 3 \cdot |KB|$

فجوز ما هي قيمة $|DC|$ ؟

- A) 20 B) 24 C) 25 D) 28 E) 30

28. Yanda kenar uzunluğu 4 cm olan ABCD karesi görülmektedir. [CE] doğru parçası, O merkezli yarım çembere F noktasında teğettir. Taralı bölgenin alanı kaç cm^2 dir?



The side length of the ABCD square on the right is 4 cm. The line segment [CE] is tangent at F point to hemicycle with O center. What is the area of the shaded region in cm^2 ?

في الصورة جيع ABCD طول ضلعه 4 سم. إن القطع [CE] هو مماس ربع الدائرة ذات المركز O. أقم سم cm^2 مساحة المنطقة المظلمة؟

- A) $9 - 2\pi$ B) $10 - 2\pi$ C) $11 - 4\pi$
D) $12 - 2\pi$ E) $13 - 2\pi$

29. A(1,2) noktasından geçen ve eğim açısı 120° olan doğrunun denklemi aşağıdakilerden hangisidir?

Which of the following is the equation of the line which passes through A(1, 2) point and has an inclination of 120° ?

ما هي المعادلة لخط الذي يمر من النقطة A(1, 2) وله درجة ميل 120° ؟

- A) $y = -\sqrt{3}x + \sqrt{3}$
B) $y = -\sqrt{3}x + \sqrt{3} + 2$
C) $y = \sqrt{3}x - \sqrt{3}$
D) $y = \sqrt{3}x - \sqrt{3} + 2$
E) $y = -\sqrt{3}x - \sqrt{3} - 2$

30. Aşağıda verilen denklemlerden hangileri reel düzlemde bir çember gösterir?

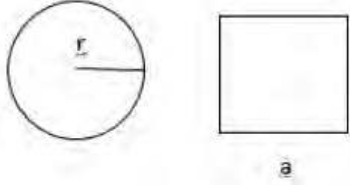
Which of the following equations represent a circle on real plane?

أي من المعادلات التالية يقترح إلى دائرة على المستوى الحقيقي؟

- I. $x^2 + y^2 - 3x + 5y + 7 = 0$
II. $x^2 + y^2 + 2x - 6y - 7 = 0$
III. $2x^2 + 2y^2 - 4x - 3y + 7 = 0$
IV. $x^2 + y^2 - 3xy + 5x + 5y - 7 = 0$
V. $x^2 + 2y^2 - 3x + 5y + 7 = 0$

- A) I ve II B) I ve III C) II ve III
D) III ve IV E) IV ve V

31.



Yarıçapı r olan daire ile bir kenar uzunluğu a olan karenin alanı birbirine eşittir. Buna göre dairenin çevresinin karenin çevresine oranı nedir?

The area of the circle with radius r is equal to the area of square with one side length of a . Then, what is the ratio of circle's circumference to square's circumference?

نصف مساحة دائرة ذات القطر r مساوية لمساحة مربع الذي طول ضلعه a فهذه النسبة مماثلة لنسبة محيط الدائرة إلى محيط المربع؟

- A) 1 B) $\frac{\pi}{2}$ C) $\frac{\sqrt{\pi}}{2}$ D) $\frac{\pi}{3}$ E) $\frac{\sqrt{\pi}}{3}$

32. $\frac{\log_4 64}{\log_3 81} + \frac{\log_5 125}{\log_2 16} = ?$

- A) $\frac{2}{3}$ B) $\frac{2}{5}$ C) $\frac{6}{7}$ D) $\frac{3}{2}$ E) $\frac{5}{2}$

33. $\log_4(64 \log_x 81) = 4 \Rightarrow x = ?$

- A) 6 B) 5 C) 4 D) 3 E) 2

34. $\log_3 8 = x \Rightarrow \log_9 24 = ?$

- A) x B) $3x$ C) $\frac{3x}{2}$ D) $\frac{2x}{3}$ E) $\frac{x+1}{2}$

35. $\lim_{x \rightarrow 3} \frac{x^2 - x - 6}{x - 3} = ?$

- A) $\frac{1}{5}$ B) 0 C) 1 D) 5 E) ∞

36. $f(x) = e^x \cos x \Rightarrow f''\left(\frac{\pi}{6}\right) = ?$

- A) $-e^{\frac{\pi}{3}}$ B) $-e^{\frac{\pi}{6}}$ C) 0
D) $e^{\frac{\pi}{6}}$ E) $e^{\frac{\pi}{3}}$

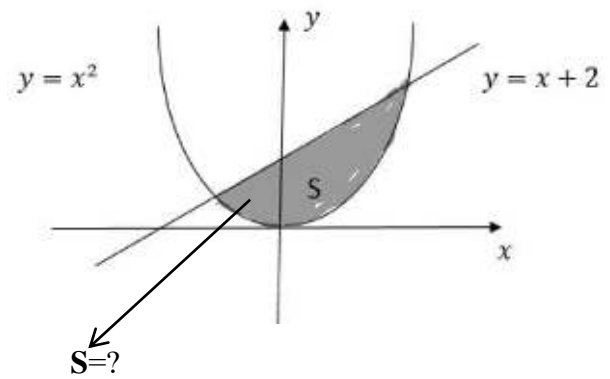
37. $f(x) = \int (x^2 - 2x + 1) dx,$
 $f(3) = 5 \Rightarrow f(0) = ?$

- A) 2 B) 1 C) 0 D) -1 E) -2

38. $\int_{\frac{\pi}{2}}^{\frac{3\pi}{2}} \sin 2x dx = ?$

- A) -2 B) -1 C) 0 D) 1 E) 2

39.



- A) $\frac{9}{2}$ B) $\frac{8}{3}$ C) $\frac{15}{6}$
D) $\frac{7}{3}$ E) $\frac{13}{6}$

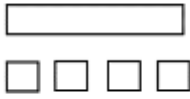
$$40. A = \begin{bmatrix} 1 & -2 \\ 3 & 4 \end{bmatrix} \Rightarrow A^{-1} = ?$$

$$A) \frac{1}{10} \begin{bmatrix} 1 & 2 \\ -3 & 4 \end{bmatrix} \quad B) \frac{-1}{10} \begin{bmatrix} -4 & -2 \\ 3 & -1 \end{bmatrix}$$

$$C) \begin{bmatrix} 1 & 2 \\ -3 & 4 \end{bmatrix} \quad D) \frac{1}{10} \begin{bmatrix} -1 & -2 \\ 3 & -4 \end{bmatrix}$$

$$E) \frac{-1}{10} \begin{bmatrix} 4 & 2 \\ -3 & 1 \end{bmatrix}$$

41.



Şekil (a)
Figure (a)



Şekil (b)
Figure (b)

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 متطيل فوق الشكل (a) إلى أربع أقسام متساوية متساوية في وقت 12 دقيقة تقريبا. هذا العامل اللوحة فوق الشكل (b) إلى خمس أقسام متساوية؟

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

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

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

MHGRSYMHGRSYMHGRSY...

ما و الحرف ال 142 في سلسلة ال M H G R S Y M H G R S Y M H G R S Y ...
ال سفل؟

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

43. 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 الحادة بين عقرب الدقائق وعقرب الساعات الساعة 10:15؟

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

44.

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

45.

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 و الرقم الـ x ببدلاً من الخيارات؟

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

46.

	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 لكل ن الـ حرف b, c, a, طرقهم الجدول المعرفه بعليك الجمع والضرب في الـ $b^2 + c^2$ ما هي قيمة $b^2 + c^2$ حسب هذا العمل و ما؟

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

47.

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.

فوق ال عملیات الم حدده فی الشکل الذی عطي ه ا م ا ذ ال جدول فی ل س فل

x			y
	2	3	
w			z

Buna göre

Then

ق ا ل ذ ل ك

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

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

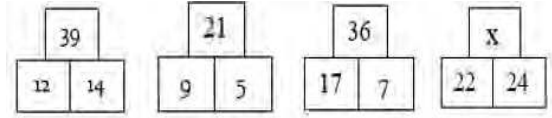
48.

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

x=?

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

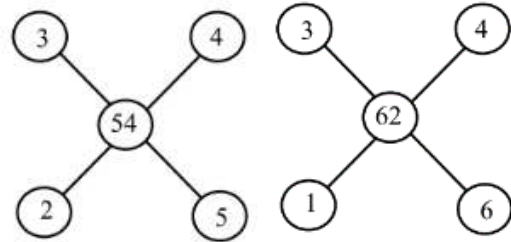
49.



x=?

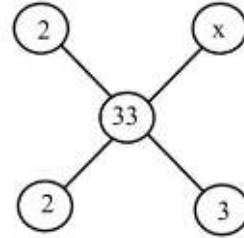
A)15 B)46 C)52 D)66 E)69

50.



x=?

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



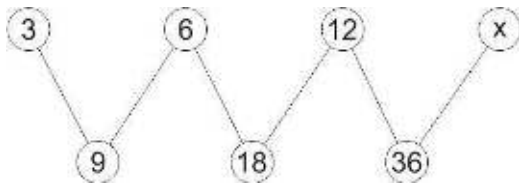
51. 3,5,11,29,83,245,x,... dizisinde x=?

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

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

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

52.



x =?

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

53. Dijital bir göstergede rakamları göstermek için kullanılan çizgi sayısı aşağıdaki tabloda verilmiştir.

Rakam	0	1	2	3	4	5	6	7	8	9
Çizgi sayısı	6	2	5	5	4	5	6	3	7	6

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?

قائمة عدد الخطوط التي تستخدم لإظهار الأرقام في المؤشر الرقمي 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 المكون من تسعة خطوط؟

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

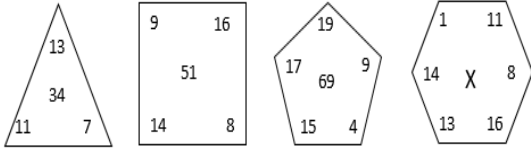
54.

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

X-Y=?

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

55.



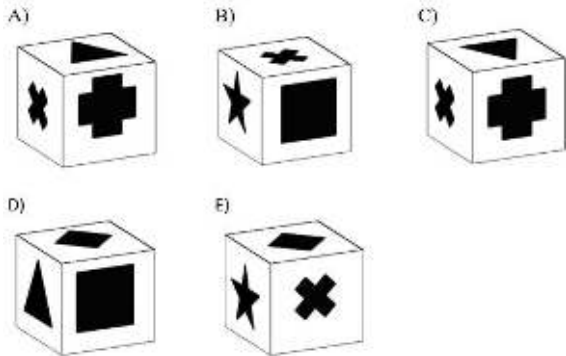
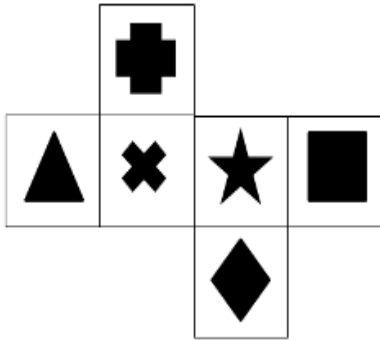
X=?

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

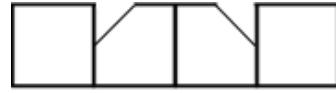
56. Aşağıdaki şeklin katlanmasıyla oluşabilecek küp hangisidir?

Which cube is the folded form of the following shape?

أي مكعب يمكن أن يتشكل بعد طي الشكل الموضح في
أسفل؟



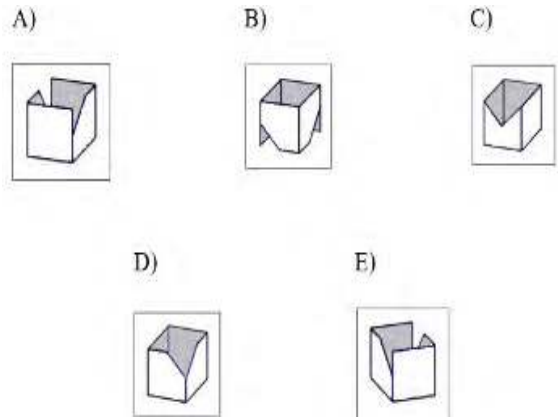
57.



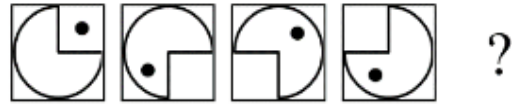
Yukarıdaki şekil katlandığında aşağıdakilerden hangisi elde edilir?

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

أي شكل من صرل علي بعد طي الشكل الموضح في الأعلى؟



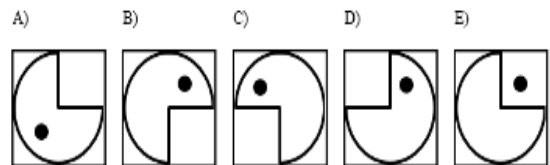
58.



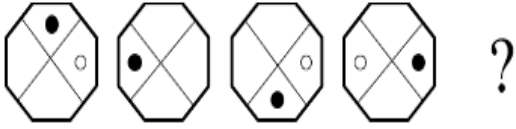
Yukarıda soru işaretinin yerine aşağıdakilerden hangisi gelmelidir?

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

ما الذي ينبغي أن نضعه بدلاً من علامة الاسد الأعلى؟



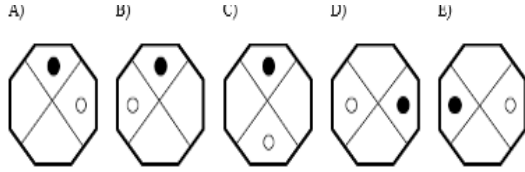
59.



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؟



60.

$$\triangle \begin{matrix} \text{ } \\ 2 \\ \text{ } \end{matrix} = 6$$

$$\triangle \begin{matrix} \text{ } \\ 3 \\ \text{ } \end{matrix} = 9$$

$$\square \begin{matrix} \text{ } \\ 8 \\ \text{ } \end{matrix} = 2$$

$$\square \begin{matrix} \text{ } \\ 12 \\ \text{ } \end{matrix} = 3$$

$$\Rightarrow \triangle \begin{matrix} \text{ } \\ 1 \\ \text{ } \end{matrix} + \square \begin{matrix} \text{ } \\ 4 \\ \text{ } \end{matrix} = ?$$

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

61.

$$\bigcirc - \diamond = 1$$

$$\bigcirc + \diamond = 3 \Rightarrow \bigcirc \div \diamond = ?$$

A) $\bigcirc \times \bigcirc$

B) $\bigcirc \times \diamond$

C) $\diamond \div \bigcirc$

D) $\bigcirc + \bigcirc$

E) $\diamond \times \diamond$

62.

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

A) $\otimes \Delta \square \Theta$

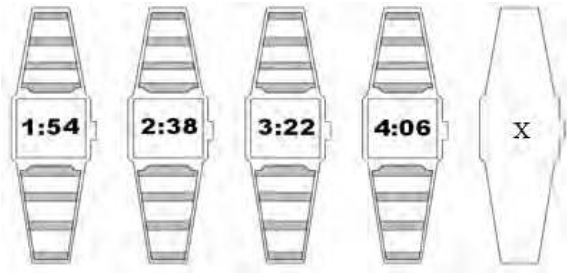
B) $\otimes \square \Delta \Theta$

C) $\Theta \otimes \Delta \square$

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

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

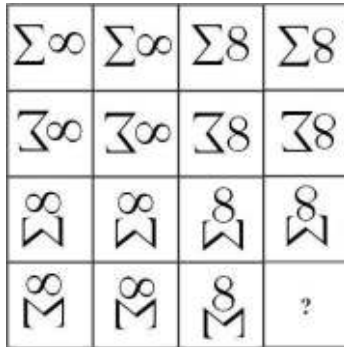
63.



X=?

- A) 4:50 B) 5:00 C) 5:08
D) 5:10 E) 5:13

64.



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?

فإنك علقى قىين البئر ك ال أعلاه. فوقاً لذلك أى شكل لى ج ب أن نضع مبدلاً من علامة الألف هـ؟

- A) $\Sigma 8$ B) $\Sigma 8$ C) $\Sigma 8$
D) $\Sigma 8$ E) $\Sigma\infty$

65.

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?

رقم طى ال م ج موعه إذا كانت قبيل كل ال م فى ال م ج موعه
II ف أى ر ق م قبل ال م مة MALATYA؟

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

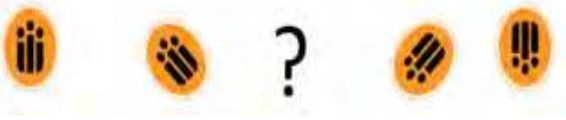
66.

KUTU	9174	5152
TAKI		
ALTI	1594	
LALE	7393	2581
ELMA		

KATILIM=?

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

67.



Yukarıdaki şemaya göre ? yerine aşağıdakilerden hangisi gelmelidir?

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

فوقاً لشركل أعلاه، أي شركل مهيل ييجب أن نضع بدلاً من علامة لستوف هام؟

- A) B) C) D) E)

68.

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 مهيل ييجب أن نضع بدلاً من x؟

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

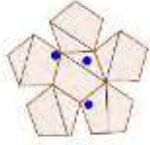
69. Aşağıdaki şekillerden hangisi farklıdır?

Which of the following shapes is different?

أي شكل مهيل ي هو المختلف؟

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

70.

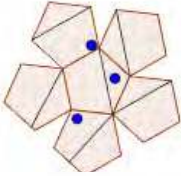


Yukarıdaki şeklin saatin tersi yönde 45° derece döndürülmüş hali aşağıdakilerden hangisidir?

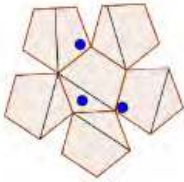
Which of the following is the shape above rotated by 45° degrees counterclockwise?

أي شكل ليس من جعل علي هنع تدوير ل شكل في الأعلى 45° عكس عقارب الساعة؟

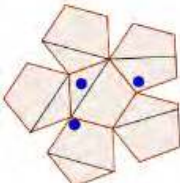
A)



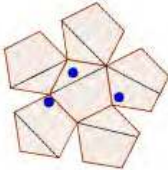
B)



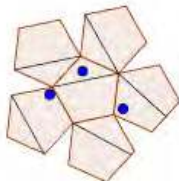
C)



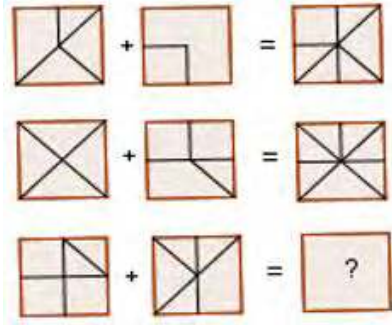
D)



E)



71.



Soru işareti yerine aşağıdakilerden hangisi gelmelidir?

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

أي شكل من تحليل ييجب أن نضع بدلاً من علامة الايقام؟

A)



B)



C)



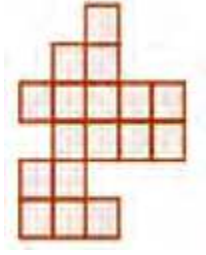
D)



E)



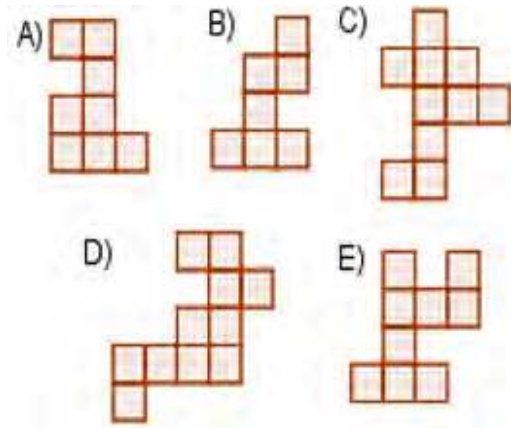
72.



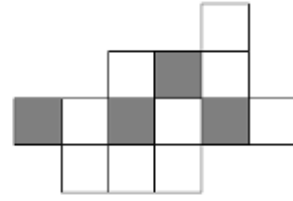
Yukarıdaki şeklin içinde aşağıdaki şekillerden hangisi yoktur?

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

أي م الأشكال التالية غير موجود في الشكل الأعلى؟



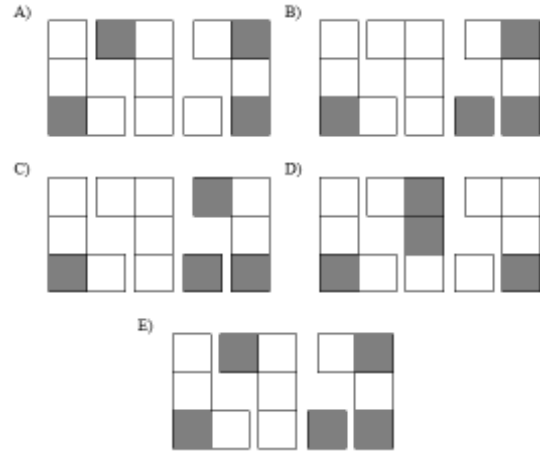
73.



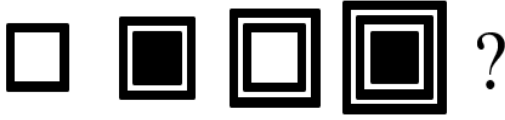
Yukarıdaki şekil aşağıdaki gruplardan hangisi ile elde edilebilir?

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

أي مجموعة م الأشكال التالية تستخدم في الشكل لمرض محي الأعلى؟



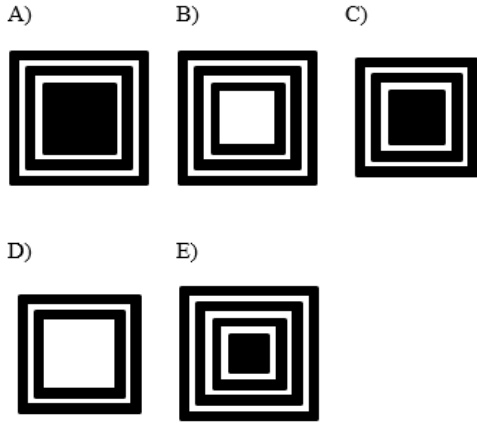
74.



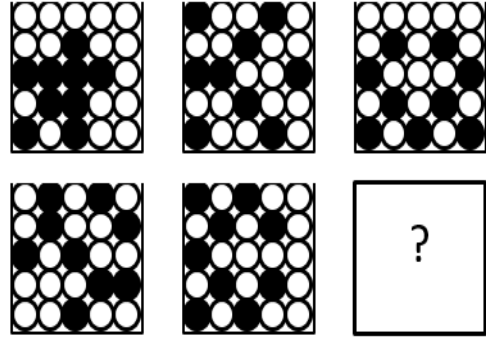
Yukarıda soru işaretinin yerine aşağıdakilerden hangisi gelmelidir?

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

أي من الأشكال التالية يجب أن نضع بدلاً من علامة الإستفهام؟



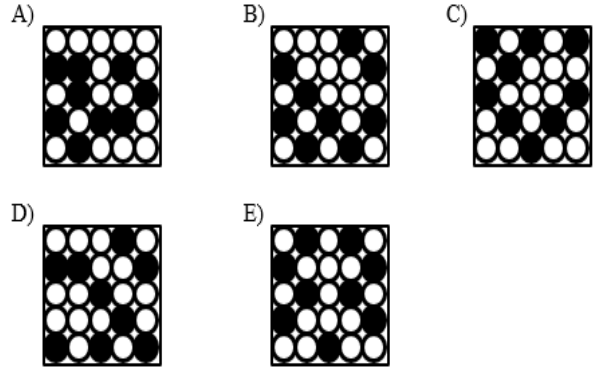
75.



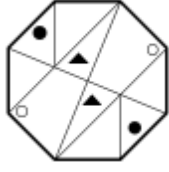
Soru işaretinin yerine aşağıdakilerden hangisi gelmelidir?

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

أي من الأشكال التالي يجب أن نضع بدلاً من علامة الإستفهام؟



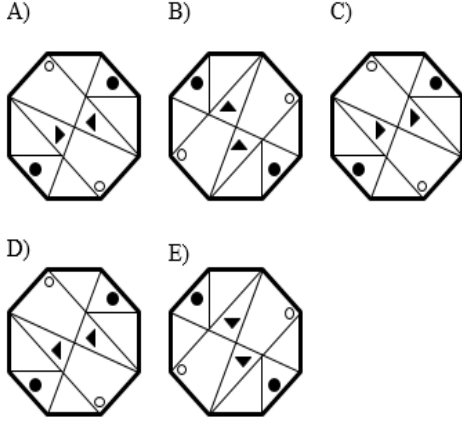
76.



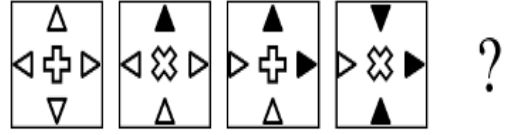
Yukarıdaki şekil saat yönünde 270 derece döndürülürse aşağıdakilerden hangisi elde edilir?

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

أي شكل من جمل علي هنع تدوير ل شكل في الأعلى 270° مع عقاب الساعة؟



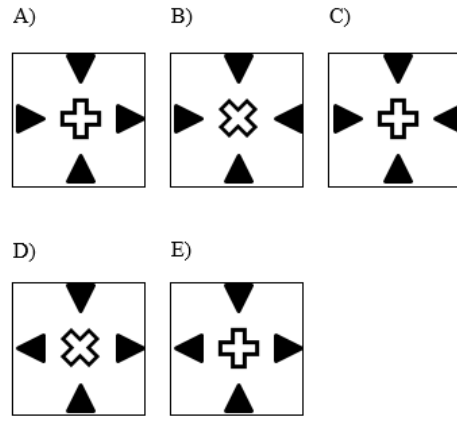
77.



Soru işareti yerine aşağıdakilerden hangisi gelmelidir?

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

أي من الخيارات يجب أن تضع بدلاً من علامة الإستفهام؟



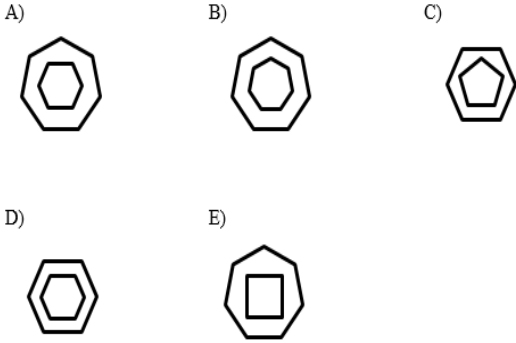
78.



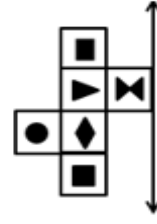
Yukarıdaki soru işareti yerine hangi şekil gelmelidir?

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

أي شكل مخطط يجب أن نضع بدلاً من إشارة الإستفهام؟



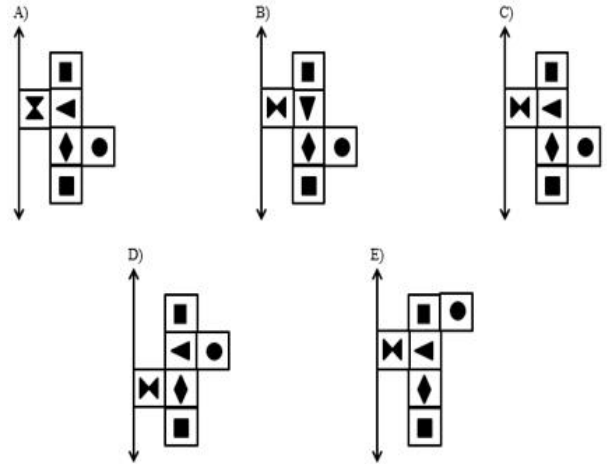
79.



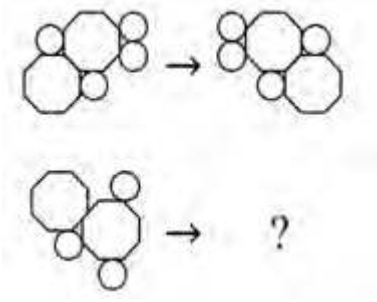
Yukarıdaki şeklin verilen eksene göre simetriği aşağıdakilerden hangisidir?

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

أي شكل مخطلي و ال بظار للشكل الأعلی فوقاً ل محور ال محدود؟



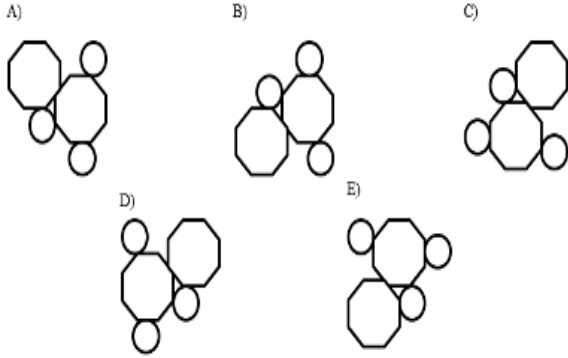
80.



Soru işaretinin yerine aşağıdaki şekillerden hangisi gelmelidir?

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

أي شكل من الأشكال يجب أن نضع بدلاً من إشارة الإستفهام؟



A KİTAPÇIĞI	
1. B	41. C
2. E	42. D
3. D	43. B
4. B	44. E
5. D	45. D
6. E	46. A
7. C	47. B
8. B	48. B
9. A	49. E
10. E	50. D
11. A	51. D
12. E	52. A
13. D	53. D
14. E	54. B
15. A	55. B
16. C	56. C
17. D	57. B
18. A	58. E
19. C	59. A
20. B	60. A
21. A	61. B
22. E	62. A
23. D	63. A
24. C	64. A
25. E	65. A
26. C	66. B
27. B	67. E
28. B	68. D
29. B	69. C
30. A	70. E
31. C	71. B
32. D	72. D
33. D	73. B
34. E	74. B
35. D	75. E
36. B	76. D
37. A	77. C
38. C	78. A
39. A	79. C
40. B	80. D

B kitapçığında yok

B KİTAPÇIĞI	
1. B	41. D
2. A	42. B
3. D	43. C
4. B	44. D
5. B	45. B
6. B	46. D
7. E	47. A
8. E	48. A
9. D	49. A
10. E	50. E
11. D	51. B
12. A	52. D
13. E	53. C
14. B	54. A
15. E	55. D
16. A	56. E
17. D	57. A
18. E	58. B
19. A	59. B
20. C	60. E
21. B	61. B
22. B	62. A
23. B	63. A
24. A	64. E
25. A	65. C
26. B	66. A
27. D	67. B
28. C	68. E
29. D	69. B
30. B	70. C
31. A	71. D
32. B	72. C
33. C	73. D
34. E	74. A
35. B	75. D
36. C	76. B
37. E	77. B
38. B	78. E
39. D	79. D
40. A	80. B

23. B 38.soru aynı

38. B