



SINAV İÇERİĞİ

Exam content

SINIF

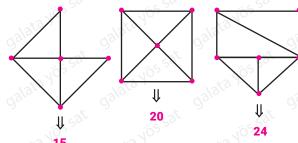
Class

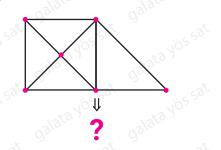
ADINIZ VE SOYADINIZ

Your Name And Surname



IQ





A) 35

C) 27

D) 25

3.
$$x_1, x_2, x_3, x_4, \dots, x_{99}, x_{100}$$

 $k = 1, 2, 3, 4, \dots, 96$
 $x_k + x_{k+1} + x_{k+2} + x_{k+3} = x_{k+1} + x_{k+2} + x_{k+3} + x_{k+4}$

A) 15

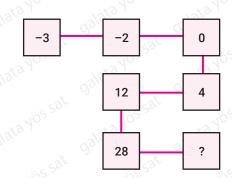
B) 20

D) 25

E) 28



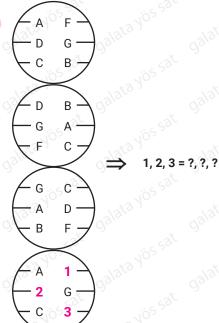
E) 18



C) 56

D) 60

E) 64



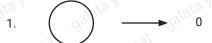
A) D, F, B

B) B, D, F

C) D, B, F

D) F, D, B

E) F, B, D









, (S) (B) 42

c) 30³

-, 20 E) 12

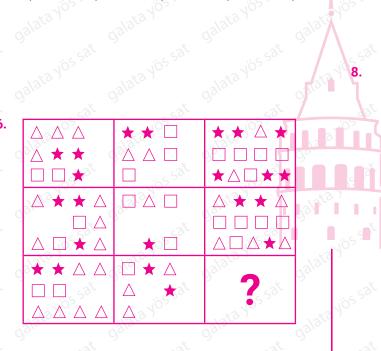
galata

7.

2, 3		1,	7	8,	4 3,		1 9,9		9	1,	6
	4	1	2	2	7	7	1:	?	7	7	sat

C) 3

D) 4 0 yos sat





(B)



(C)



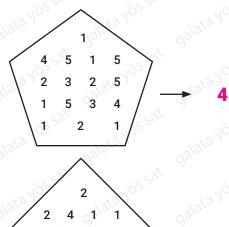
D)



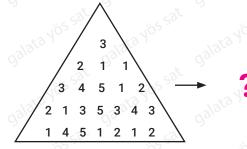
galate

oalata yös E)









A) 2

B) 3

C) 4

, o (E) 6



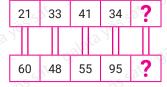
	1	$\overline{}$		
0	8	5	12	9
5	3	~ - 58	7	4
12	ita Y	7	b	1,7
6	4	1,	8	С
11	9	a a	3	-,,

- b = ?

- A) 6
- C) 6











C)







42 64



47 99





DENEME

13.

_10			70.				
2	4	831	14	22	alata,	Х	dalata
1	s Ž	3	4	5	•••	"n. ^t	
13 10			3.40-		alataye)-	State
							0,0

$$X = ?$$

A) $n^2 - 2n$

D) $n^2 - 3n$

A)
$$n^2 - 2n$$
 B) n. $(n - 1)$

$$n^2 - n + 2$$
 E) $n^2 + n - 2$

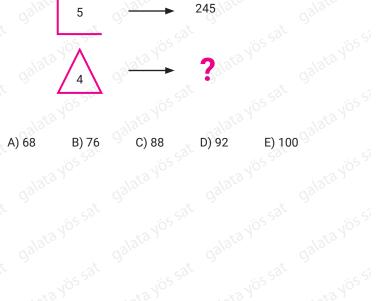
16.









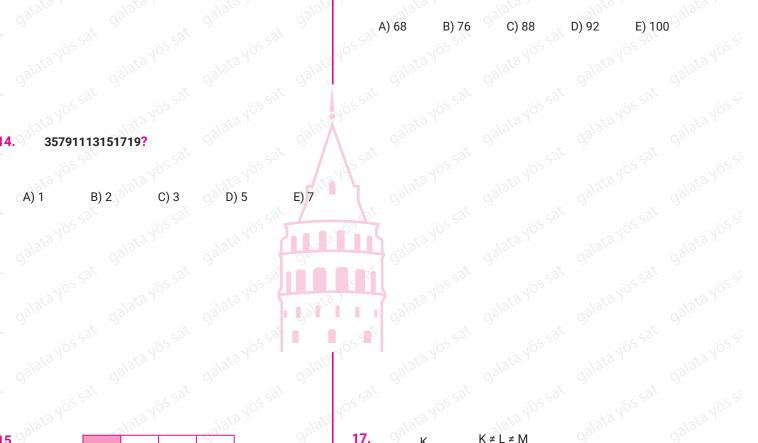


yös sat

Jata yös sat galata yös sat galata yös sat 35791113151719? 14. galata yös sat Jata yös sat

A) 1





								_%	
os _{lata} yössat os _{lata} yössat os _{lata} yössat					galati			Nos sar	
1.5 sat	5. ⁹		C	3 ^t	1			: 6581	x
	galata	2 0		4	Op _{JSK}			,) ,	
os _{,lata} yössat os _{,lata} yössat os _{,lata} yössat	c	0			d			yössati	
	gar.	aka di	3	2,1				ios sat p	9 ³ (a ¹ 4) 21
	galatayöss	0,9	alata y		galati			7	
	a+b+c+c	1 = ?						yös sat	
	A) 8	B) 9	C)) 10	o ^{alat}	3 YÖS SAT 3 YÖS SAT 3 YÖS SAT	E) 12	yos sat yos sat	

galata yös sat

- . Salt E) 12

yös sat galata yös sat

alata yös'

$$\frac{K}{\frac{X}{L} \frac{K}{M}}$$

$$\Rightarrow \max(K + L + M) = ?$$

galatayössat

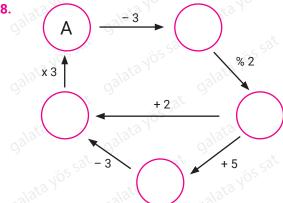
alata yös ?

- B) 20
- galata yös sat galata yös sat galata yös sat Jalata yös sat galata yös E) 12 galata yös sat galata yös sat galata yös si ogalata yös sat ogalata yös sat

dalata yös'

ralata yös

18

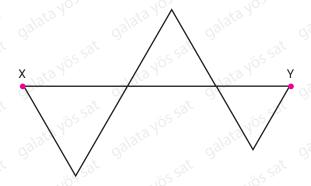


A = ?

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

E) 3

20.

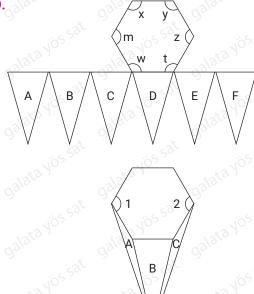


Yukarıda verilen şekil üç farklı eşkenar üçgenden oluşmuştur. Bu eşkenar üçgenlerin çevrelerinin uzunlukları toplamı 51 cm'dir.

Buna göre, |XY| uzunluğu kaç cm'dir?

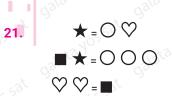
- A) 13
- B) 15
- C) 17
- D) 19
- E) 21

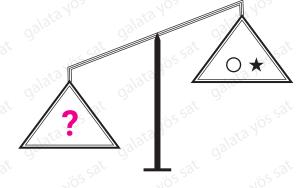
19



1, 2 = ?;,?

- A) x, t
- B) m, y
- C) w, x
- D) z, m
- E) y, w



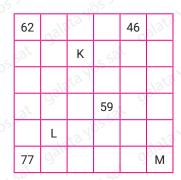


 $_{\mathsf{A})} \heartsuit \heartsuit \bigcirc$

- B) **(**
- c) **=** =

- D) **(**0
- E) ♥ ■

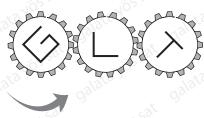
22.



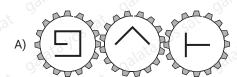
K + L - M = ?

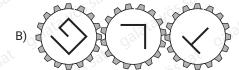
- A) 57
- B) 70
- C) 114
- D) 127
- E) 224

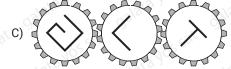
24.



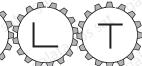
135°



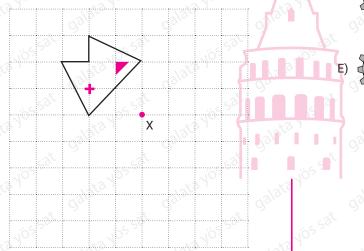




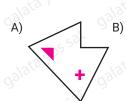






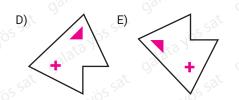


Yukarıdaki şeklin X noktasına göre simetriği aşağıdakilerden hangisidir?









25.

$$S^2 # 9 = 6.S + 3$$

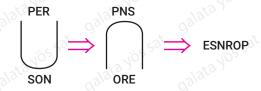
- A) 81
- B) 77
- C) 65
- D) 61
- E) 58

DENEME 3

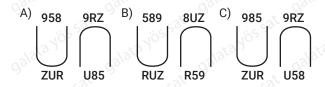
GALATA TR - YÖS DENEME SINAV

GALATA TR - YÖS TRIAL EXAM

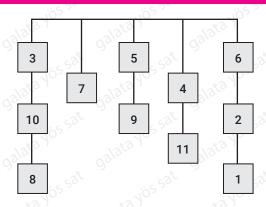
26



? ⇒ ? ⇒ 8ZR5U



D) RZU 58U E) ZUR 9RZ 589 9RZ 985 U58 28.

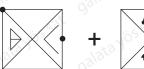


7 # 4 = 22 3 # 2 = 24 9 # 10 = 27

6 # 5 = ?

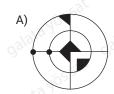
A) 13 B) 16 C) 19 D) 21 E) 23

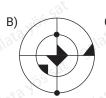
27





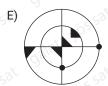


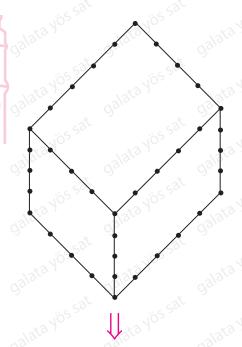












Şekilde kaç tane birim küp vardır?

A) 80

B) 81

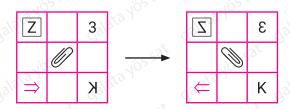
C) 82

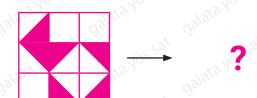
D) 83

E) 84

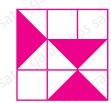
DENEME

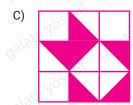
30.





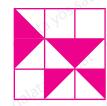




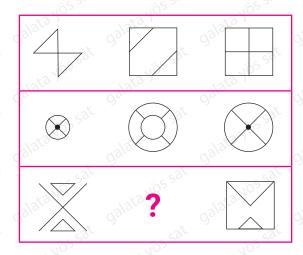


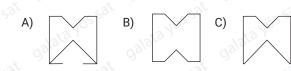
E)





32.





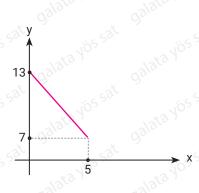












y = ?

A) -24

C) 12 B) -8

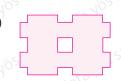
D) 28

E) 43

Yukarıdaki şekil ok yönünde katlanıp kesiliyor.

Tekrar açıldığında aşağıdakilerden hangisi gibi olur?











			- 1
Ó	+	a ²	b ²
	a ²	J's	\io
Ó	b ²	121	ista?

	10-	
o X	а	b
а	7 <u>,02</u> 25	24
b	.)	0/3/

- E) 14

36.















C)



D)



Æ)































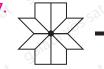




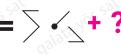




37.













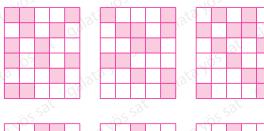




GALATA TR - YÖS DENEME SINAV GALATA TR - YÖS TRIAL EXAM

ENEME 3

38.



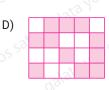






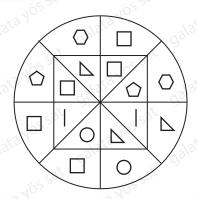


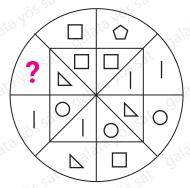






40.





в) 📐

A) 1

c) 🔲

D) 🗘

E) O

39. Aşağıdakilerden hangisi diğerlerinden farklıdır?















IQ testi soruları bitti. Matematik ve Geometri testine geçiniz.

IQ test questions are over.
Pass the math and geometry test.

انتهت أسئلة اختبار الذكاء.

خذ اختبار الرياضيات والهندسة.



MATEMATİK

işleminin sonucu kaçtır?

- B) 1
- C) 4

- n bir tam sayı,
 - a^{2n+1} . b + a. $b^3 > 0$
 - $\frac{a^{4n} \cdot b}{c} < a \cdot b^2$
 - $b^{4n+2} \cdot c^{2n-1} < 0$

olduğuna göre, a, b, c sayılarının işaretleri sırasıyla aşağıdakilerden hangisidir?

olduğuna göre a + b + c toplamı kaçtır?

- D) 6



- A) 6
- c) 4
- B) 5
- gE) 22 yös sat

- x bir rakam,
 - A = 16 2x
 - B = 2x + 2 olmak üzere,

 $\frac{\mathsf{B}}{\mathsf{A}}$ bileşik kesir olduğuna göre, x kaç farklı değer alır?

- -, 8 D) 6 alata yoʻs sat

GALATA TR - YÖS DENEME SINAV

6. A ve $x \in Z^+$

$$\begin{array}{c|c}
 & A & x^2 \\
\hline
 & x+3 \\
\hline
 & 36
\end{array}$$

Yukarıdaki bölme işleminde A'nın alabileceği <u>en küçük</u> değer kaçtır?

- A) 483
- B) 496
- C) 506

- D) 526
- E) 536

- **7.** 2k + 1 ve
 - 3k 2

ardaşık tamsayılar olduğuna göre, k'nın alabileceği değerler toplamı kaçtır?

- A) 2
- B) 4
- D) 8
- E) 10



8. $\frac{(n-2)! + (17-n)!}{n^2 - 25} \in \mathbb{R}$

olduğuna göre, n kaç farklı değer alabilir?

- A) 13
- B) 14
- C) 15

- D) 16
- E) 17

9. 0! + 1! + 2! + 3! + . . . + 100!

sayısının 24 ile bölümünden kalan kaçtır?

- A) 10
- B) 12
- C) 15

- D) 18
- E) 21

$$y \cdot x = 4x + 18 + 3y$$

olduğuna göre, x kaç farklı değer alabilir?

- A) 16
- B) 12
- C) 1

- D) 10
- E) 8

11. AB, BB ve BA iki basamaklı birer sayıdır.

$$AB + BB + BA = 253$$

olduğuna göre, AB'nin alabileceği en büyük değer kaçtır?

- A) 98
- B) 99
- C) 96

- D) 95
- E) 97

12.
$$(x^2 - 4y^2) : x - 2y = 3 - 3y - \frac{4y^2}{x}$$

$$\Rightarrow$$
 x + y = ?

- A) 3
- B) 2
- D) 0



$$M = x^4 + x^3 - 2x^2$$

$$N = x^3 - 2x^2 + x$$

olduğuna göre,

$\frac{\mathsf{EKOK}(\mathsf{M},\,\mathsf{N})}{\mathsf{EBOB}(\mathsf{M},\,\mathsf{N})} = ?$

- A) x(x + 2)
- B) $x^2(x 1)$
- C) x(x 1)
- D) x(x + 2) (x 1)
- E) (x + 2) (x 1)

- 14. n + 1 basamaklı 300... sayısının tam bölen sayısı 100 olduğuna göre, n değeri kaçtır?
 - A) 6
- B) 5

- D) 3
- E) 2

y = ||7 - x| - 5|15.

> y'nin en küçük değeri için x'in alabileceği değerler toplamı kaçtır?

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

- 16. $\frac{1}{x} < \frac{1}{y} < 0$ olmak üzere,
 - |x y| |x + y|

ifadesinin eşiti aşağıdakilerden hangisidir?

- C) 2y

- 17. 2^x = m,
 - 5^{-x} = n

olduğuna göre, (50)x'in m ve n türünden eşiti aşağıdakilerden hangisidir?



işleminin sonucu kaçtır?

- E) $-\frac{3}{2}$

- $7^{x-y} = 25$
- B) $\frac{2}{3}$
- C) $\frac{3}{2}$
- D) 3

- E) 6

19. $\left(\frac{6}{9}\right)^{1-3x} < \left(\frac{9}{4}\right)^{x+3}$

B) 9

21. $\sqrt{2} \cdot (\sqrt{3} - \sqrt{2}) \cdot \sqrt{10 + 4\sqrt{6}}$

işleminin sonucu kaçtır?

B) 2

0 dalati² Vios 531 C) √6

D) $\sqrt{6} + \sqrt{2}$

galata yös sat galata

24. x ≠ 4

$$x^3 - 4 = 60$$

 $\Rightarrow x^2 + 4x + 3 = ?$

A) -16

B) -15 D) 12 galata yös sat E) 15

22. $6\sqrt{z-8} + |x+y-z| + \sqrt{x^2 - 2xy + y^2} = 0$

⇒ x = ? 5 5°

B) 4

E) 10

, sat galati C) 6 1055

 $\frac{(-a \cdot b)^2}{2a^4 + 2b^4} + 1 = ?$ $\Rightarrow \frac{(2a \cdot b)^2}{}$

A) $\frac{3}{4}$

B) $\frac{4}{3}$

C) $\frac{5}{3}$

galata yös sat galata

E) 5/4

25. a, b ve c negatif tamsayılardır.

5a = 2b

5b = 3c

 \Rightarrow max(a + b + c) = ?

B) -46_____

C) -15

D) 15

$$a + 2c = 9$$

$$b + 3f = 5 - 2d$$

olduğuna göre, e kaçtır?

A) 2

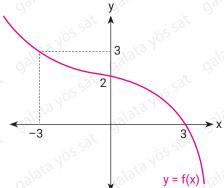
B) 5

C) 6

D) 8

E) 9

29. Şekilde y = f(x) fonksiyonunun grafiği verilmiştir.



Buna göre, (fofof)(-3) değeri kaçtır?

B) 0

Sat E) 5

 $f^{-1}(x)$ fonksiyonu A(15, 4) noktasından geçmektedir.

Buna göre, f(5) değeri kaçtır?

A) 5

B) 6

E) 10



28. • der(p(x)) = 2

•
$$p(x) = p(-x)$$

p(2x - 2) polinomunun x - 1 ile bölümünden kalan 4

• p(x + 2)'nin sabit terimi 16

olduğuna göre, p(x + 1)'in sabit terimi kaçtır?

B) 7

C) 8

D) 9

E) 10

30. $x^2 + (m - 5) + 3 = 0$ denkleminin kökleri x₁ ve x₂ 'dir.

$$(x_1 - 2) \cdot (x_2 - 2) = 15$$

olduğuna göre, m kaçtır?

A) 5

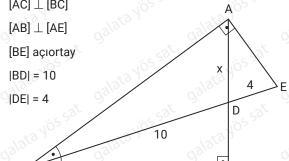
B) 6

D) 8

E) 9

GEOMETRI

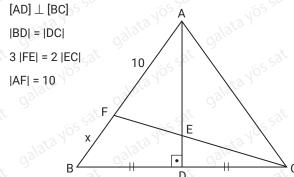
 $[AC] \perp [BC]$



|AD| = x = ?

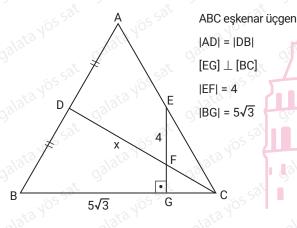
- A) 2√2
- B) 2√5
- C) 2√6
- D) 2√7

E) 6



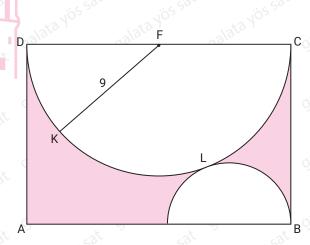
|BF| = x = ?

- A) 4
- B) 5
- C) 2√7
- D) 4√2
- 5°E) 6



|DF| = x = ?

E) 9



 $\vec{A} = (3m, 2)$

 $\vec{B} = (m - 1, -3)$

 $\vec{A} \perp \vec{B}$

∑m = ?

- A) 0
- _SB) 1
- D) 2
- E) 3

F; yarım çemberin merkezi,

L; çemberlerin teğet noktası, ABCD dikdörtgen,

|FK| = 9 br, $A(ABCD) = 216 \text{ br}^2$

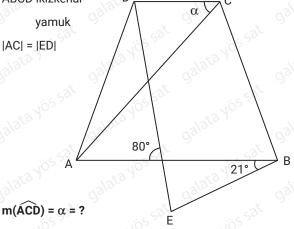
olduğuna göre, taralı alan nedir?

- A) 216 <u>29π</u>
- B) $216 \frac{97\pi}{}$
- C) 216 $-\frac{37\pi}{1}$
- D) 216 17π
- E) 216 $-\frac{97\pi}{}$

ABCD ikizkenar



|AC| = |ED|

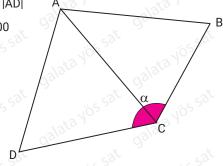


- A) 58
- B) 60
- C) 62
- D) 64

E) 66

9. |AB| = |AC| = |AD|





 $m(\widehat{BCD}) = \alpha = ?$

- A) 100
- B) 110
- C) 115
- D) 125
- E) 130

$$A(-5,6) \longrightarrow d_1$$

$$\rightarrow$$
 d₂: 7x + 14y - 8 = 0

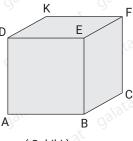
$$d_1 // d_2 \Rightarrow d_1 = ?$$

- A) x 2y 17 = 0
- B) 2x + y + 7 = 0
- C) 3x + 4y 8

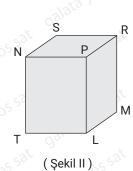
D)
$$x + 2y - 7 = 0$$

E)
$$x + 2y + 17 = 0$$

10.

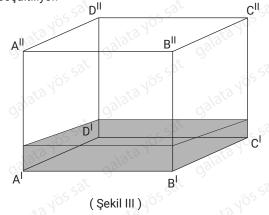


(Şekil I)



|AB| = 3 br, |LM| = 2 br

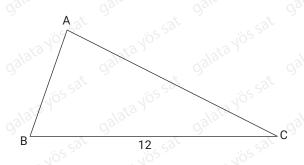
Yükseklikleri aynı olan küp ve kare prizma şeklindeki bardaklar su ile doludur. Her iki bardak Şekil III'deki dikdörgen prizma şeklindeki sürahiye su kaybı olmadan boşaltılıyor.



 $|A^{I}B^{I}| = 13 \text{ br}, |B^{I}C^{I}| = 5 \text{ br}$

Bu durumda sürahideki suyun yüksekliği kaç br'dir?

- C) 3
- E) 13/2



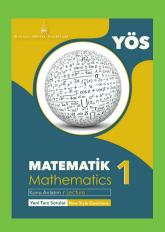
|AC| = 3 |AB|, |BC| = 12

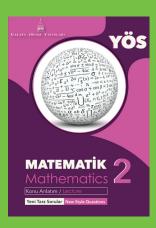
 $Qevre(\widehat{ABC}) = Q \in Z$

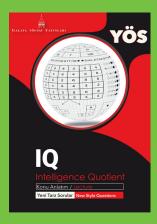
max Ç = ?

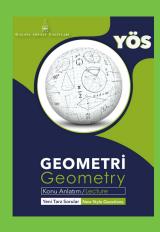
- A) 38
- B) 37
- C) 36
- D) 35
- E) 34

YAYINLARIMIZ PUBLICATIONS

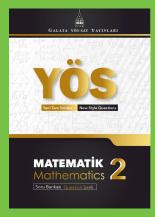


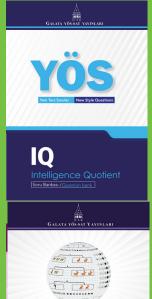












25 Q DENEME SINAVI Trial Exam

YÖS

