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همراه شما
در مسیر یوس

نمونه سوال یوس

دانشگاه یوزونجوییل



Yuzuncu yil University

INTERNATIONAL STUDENTS' EXAM



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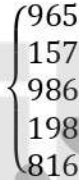

TEMEL ÖĞRENME BECERİLERİ TESTİ
(THE BASIC LEARNING SKILLS TEST)

3. ve 4. sorularda, I. gruptaki kümelerin şekilleri birer rakamla gösterilerek II. gruptaki sayılar elde edilmiştir. Soru işaretiyle belirtilen kümenin hangi sayıyla gösterildiğini bulunuz.

In questions 3 and 4, the numbers in group II stand for the sets of figures in group I, when each figure has been coded with a specific numeral. Find the number which corresponds to the set of the figures indicated by the question mark.

3.

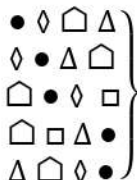
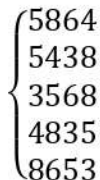

I. II.

	
 = ?	

- A) 816 B) 157 C) 986 D) 198 E) 965

4.

I. II.

	
 = ?	

- A) 3568 B) 5438 C) 5864
D) 4835 E) 8653

10.

X	A	B	C
A	B+5		
B		2B+8	
C	18		

Yukarıdaki çarpma tablosunda A,B ve C harfleri pozitif birer sayının yerine kullanılmıştır. Buna göre C kaçtır?

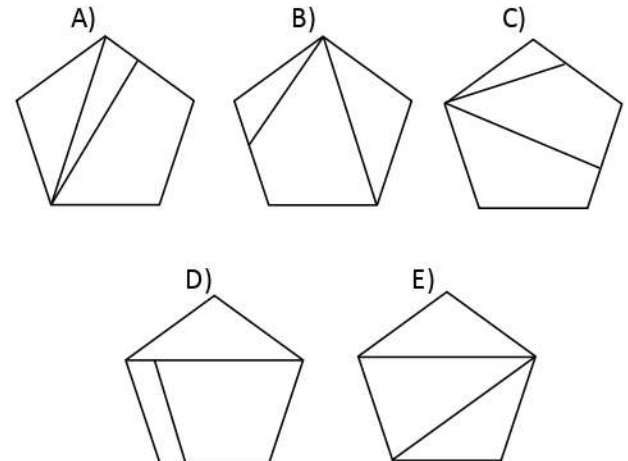
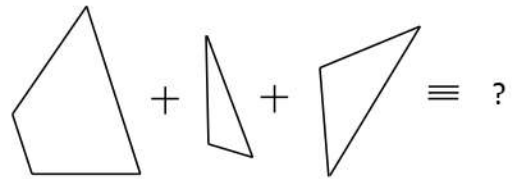
In the multiplication table above, the letters A, B and C each stand for a positive number. Accordingly, what is the value of C?

- A) 2 B) 9 C) 6 D) 3 E) 18

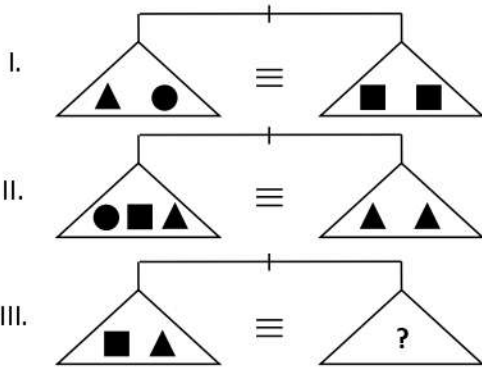
15. - 17. sorularda verilen parçalar kullanılarak oluşturulan şekli bulunuz.

In questions 15 - 17, find the figure using given fragments.

15.



24.

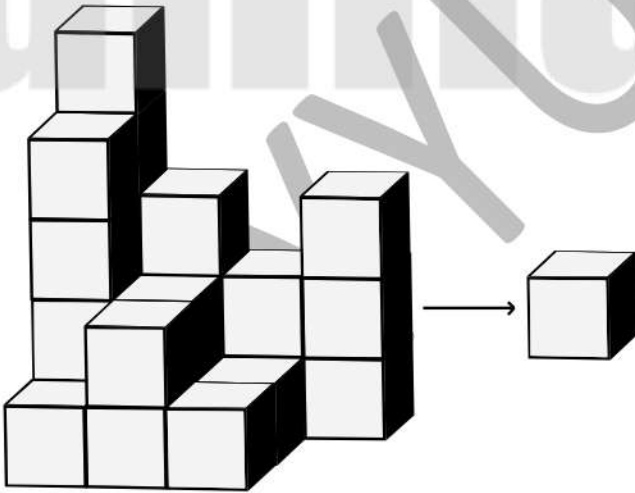


Yukarıdaki terazilerin üçü de dengede olduğuna göre, III. terazide soru işareti aşağıdakilerden hangisini göstermektedir?

All three scales above are in balance. Accordingly, which of the following does the question mark stand for in the third scale?

- A)  B)  C)  D)  E) 

45.



Yukarıdaki şekil kaç tane küpten oluşmaktadır?
How many cubes are there in the figure above?

- A) 22 B) 23 C) 24 D) 25 E) 26

52.

$$\left(1 + \frac{1}{2}\right) \cdot \left(1 + \frac{1}{3}\right) \cdot \left(1 + \frac{1}{4}\right) \cdot \dots \cdot \left(1 + \frac{1}{n}\right) = 100$$

- A) 99 B) 100 C) 101 D) 199 E) 200

55.

$$f(x) = (x+4)^2 - 5x - 20$$

$$\lim_{x \rightarrow 1} \frac{f(x) - f(1)}{x - 1} = ?$$

- A) -5 B) 7/5 C) 5 D) -7/5 E) 1

59.

$$f(x) = \ln(x^3 \ln(x^5))$$

$$f'(e) = ?$$

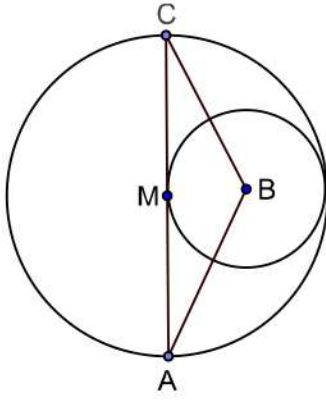
- A) $\frac{5}{6e}$ B) $\frac{6}{5e}$ C) $\frac{2}{3e}$ D) e E) $\frac{3}{2e}$

66.

$$\frac{\cos 75^\circ}{\sin 15^\circ} = ?$$

- A) -1 B) $-\frac{1}{2}$ C) 0 D) $\frac{1}{2}$ E) 1

74.

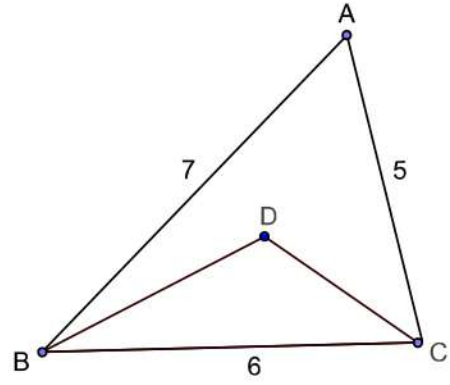


Şekilde ki M merkezli çember birim çember (yarı çapı 1 birim) dir. $|AC|$ doğru parçası B merkezli çembere M noktasında teğettir. O halde $A(ABC)$ kaçtır.

In the figure above, let the circle be unit circle with the center M. If the line segment $|AC|$ is tangent to the circle centered B at the point M, then what is the area of the triangle ABC?

- A) 2 B) 1 C) $\frac{1}{2}$ D) $\frac{1}{4}$ E) $\frac{1}{8}$

79.



$|AB|=7, |AC|=5, |BC|=6$

$|BD|+|DC|$ kaç tamsayı değeri alır?

$|BD|+|DC|$ takes how many integer values?

- A) 5 B) 6 C) 7 D) 8 E) 10