A

GENEL YETENEK / GENERAL APTITUDE

1. 4, 9, 25, 49, 121, **?**, 289, …

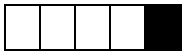
   A) 196 B) 169 C) 225 D) 256 E) 144

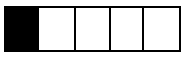
2. 3 ☺ 1 → 42
   12 ☺ 2 → 1410
   3 ☻ 1 → 33
   12 ☻ 2 → 624

   (3 ☻ 3) ☺1 → **?**

   A) 2018 B) 1071 C) 2023 D) 2020 E) 1453

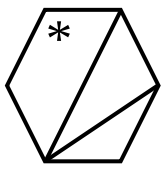
3.  ?

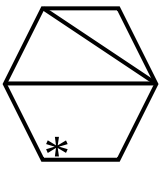
   A)  B)  C) 

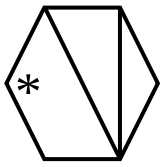
   D)  E) 

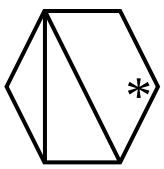
4. *Aşağıdakilerden hangisi farklıdır?*

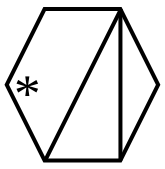
   Which of the following is different?

A) 

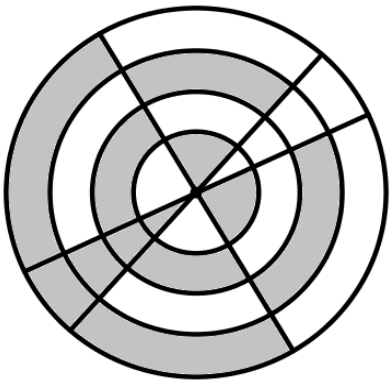
B) 

C) 

D) 

E) 

A

5. 

Aynı merkeze sahip dairelerle oluşturulan yandaki şekilde verilen doğrular merkezden geçmektedir. Buna göre

$$\frac{Taralı\ Alan}{Toplam\ Alan} = ?$$

The figure on the left is made up of circles with the same centre. In this figure, all the lines go through the centre. In this case,

$$\frac{Shaded\ Area}{}$$

A) $\frac{1}{3}$ B) $\frac{2}{5}$ C) $\frac{2}{3}$ D) $\frac{3}{5}$ E) $\frac{1}{2}$

A

MATEMATİK / MATHEMATICS

1. $\frac{0,1234}{0,005}+\frac{0,567}{0,05}+\frac{0,89}{0,5}=?$

A) 37,8 B) 378 C) 35,8 D) 0,358 E) 3,58

2. $\frac{12!+3\cdot 11!}{12!-2\cdot 11!}=?$

A) 3 B) $\frac{3}{2}$ C) $\frac{2}{3}$ D) $\frac{3}{4}$ E) 2

3. $f(x)=\left(\frac{2x+3}{x-1}\right)^2 \Rightarrow f'(0)=?$

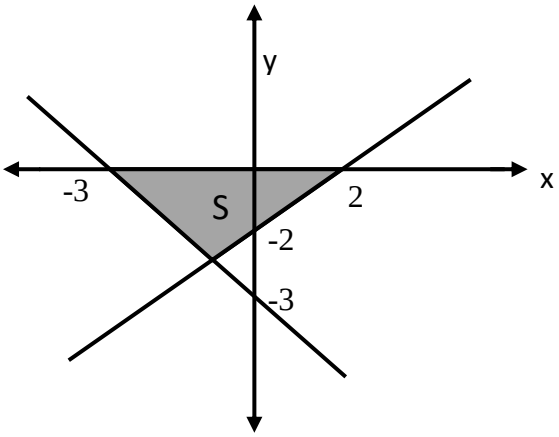
A) 27 B) 24 C) 30 D) 38 E) 11

4. $P=\{a,k,d,e,n,i,z\}$
$Q=\{a,k,u,s,2,0,1,9\}$
$R=\{a,k,1,9\}$
$\Rightarrow \ (Q-R)\cup(P\cap Q)=?$

A) $\{a,k,s,2,0\}$ B) $\{a,k,u,s,2,0\}$ C) $\{u,s,2,0,1,9\}$

D) $\{a,k,u,s,1,9\}$ E) $\{a,k,u,s,2,0,1,9\}$

5.



S kaç br^2 dir?

How many unit^2 is S?

A) 5 B) 25 C) $\frac{5}{2}$ D) $\frac{5}{4}$ E) $\frac{25}{4}$