



43.

+	a	b	c
a			
b		6-c	
c		5	2a-8

Yukarıdaki toplama tablosunda a, b ve c harfleri birer sayının yerine kullanılmıştır. Buna göre, a kaçtır?

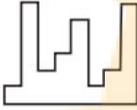
In the addition table above, the letters a, b and c each stand for a number. Accordingly, what is the value of a?

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

53.

Aşağıdaki parçalardan hangisi verilen şekli tam bir kare yapar?

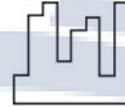
Which of the following shapes can make the given shape a whole square?



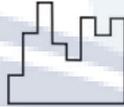
A)



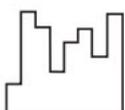
B)



C)



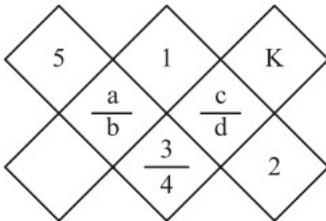
D)



E)



54.



K=?

Yukarıdaki verilen şekle göre, K kaçtır?

According to the given figure above, what is the value of K?

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

D) $\frac{2}{3}$

E) 2

$$A) \frac{2}{3} \quad B) \frac{1}{3}$$

10.

$$\frac{2-5x}{3} = 4 - 2x \quad x = ?$$

- A) 4 B) 6 C) 10
D) 12 E) 14

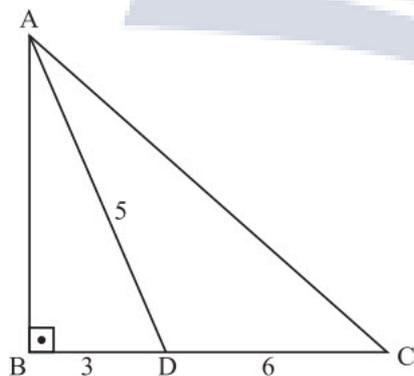
17.

$$f(x) = \begin{cases} 3x-2, & x < 1 \\ 4x+1, & 1 < x < 4 \\ 3x-2, & x > 4 \end{cases}$$

$$\lim_{x \rightarrow 1^+} f(x) + \lim_{x \rightarrow 4^-} f(x) = ?$$

- A) 22 B) 24 C) 26
D) 28 E) 30

32.



$$|AD| = 5$$

$$|BD| = 3 \quad A(\triangle ADC) = ?$$

$$|DC| = 6$$

- A) 6 B) 12 C) 15 D) 18 E) 30