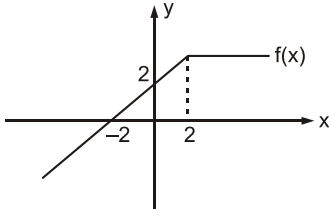


1.



Şekilde grafiği verilen  $f(x)$  fonksiyonu aşağıdakilerden hangisidir?

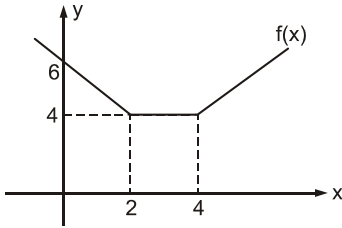
I.  $f(x) = \begin{cases} x & , x > 2 \\ x+2 & , x \leq 2 \end{cases}$

II.  $f(x) = \begin{cases} x & , x < 2 \\ 2 & , x \geq 2 \end{cases}$

III.  $f(x) = \begin{cases} x+2 & , x > 2 \\ 4 & , x \leq 2 \end{cases}$

IV.  $f(x) = \begin{cases} 4 & , x > 2 \\ x+2 & , x \leq 2 \end{cases}$

2.

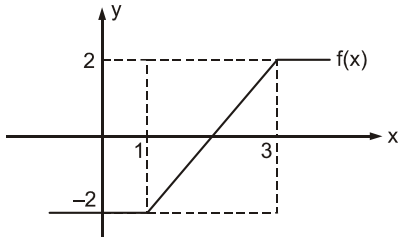


Şekilde grafiği verilen  $f(x)$  fonksiyonu aşağıdakilerden hangisidir?

I.  $f(x) = |x - 2| + 2$       II.  $f(x) = |x - 2| + |x - 4|$

III.  $f(x) = |x - 2| - |x - 4|$       IV.  $f(x) = |x - 2| + x - 4$

3.

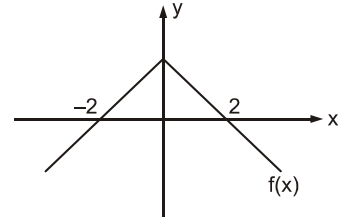


Şekilde grafiği verilen  $f(x)$  fonksiyonunun denklemini aşağıdakilerden hangisidir?

I.  $f(x) = |x - 1| + |x - 3|$       II.  $f(x) = |x - 1| - |x - 3|$

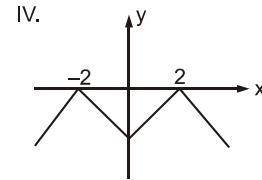
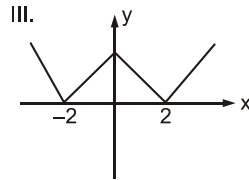
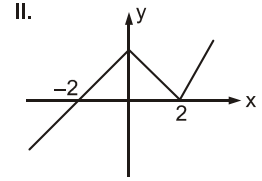
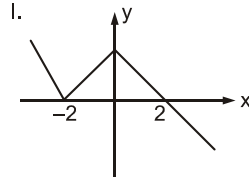
III.  $f(x) = |x - 3| - |x - 1|$       IV.  $f(x) = |x + 1| - |x + 3|$

4.

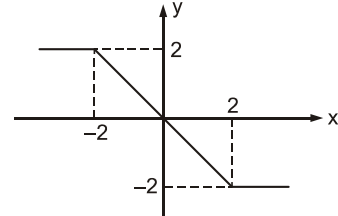


Şekilde  $f(x)$  fonksiyonunun grafiği verilmiştir.

Buna göre  $|f(x)|$  fonksiyonunun grafiği aşağıdakilerden hangisidir?

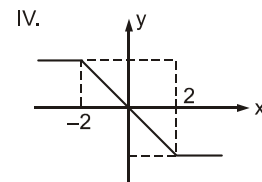
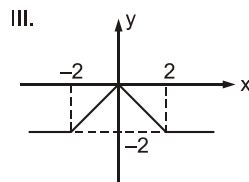
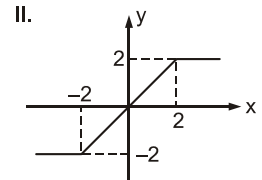
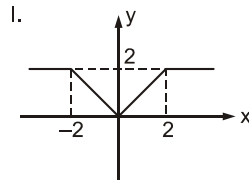


5.



Şekilde  $f(x)$  fonksiyonunun grafiği verilmiştir.

Buna göre  $f(|x|)$  fonksiyonunun grafiği aşağıdakilerden hangisidir?



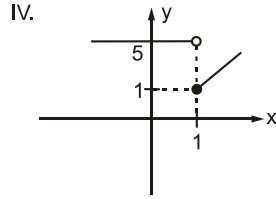
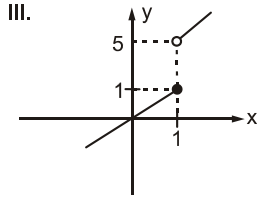
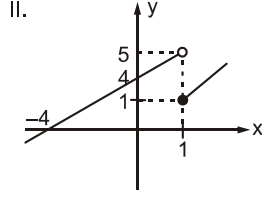
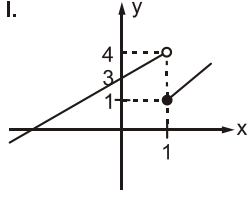
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$$6. f(x) = \begin{cases} x+3, & x < 2 \text{ ise} \\ x-1, & x \geq 2 \text{ ise} \end{cases}$$

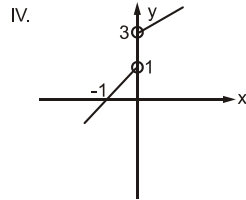
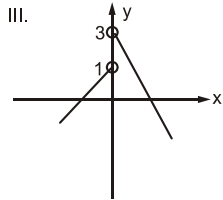
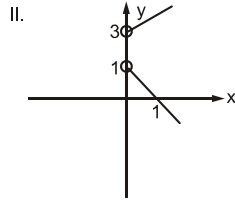
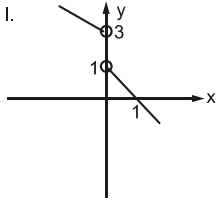
$g(x) = x+1$  fonksiyonları veriliyor.

Buna göre,  $(f \circ g)(x)$  fonksiyonunun grafiği aşağıdakilerden hangisidir?

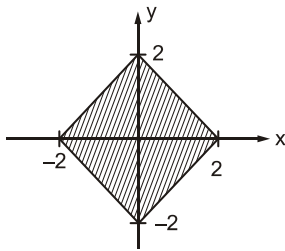


$$7. y = x + \frac{|x|}{x} + 2$$

fonksiyonunun grafiği aşağıdakilerden hangisidir?



8.



Şekilde grafiği verilen bağıntı aşağıdakilerden hangisidir?

I.  $|x| + |y| \leq 2$

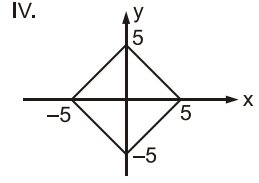
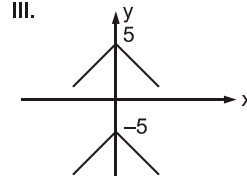
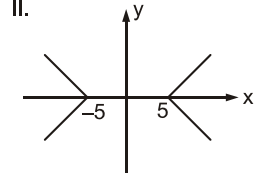
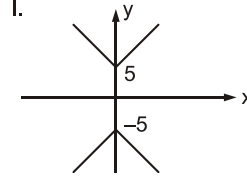
II.  $|x| + |y| \leq 4$

III.  $y \leq |x| + 2$

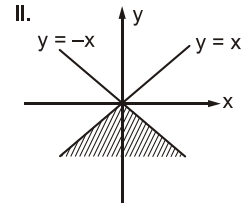
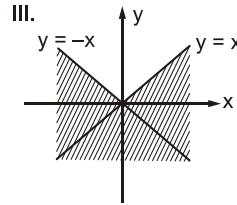
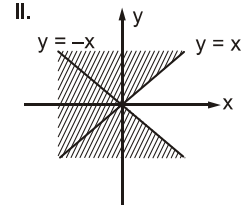
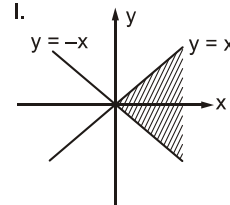
IV.  $|y| \leq |x| + 2$

$$9. |x| + |y| = 5$$

bağıntısının grafiği aşağıdakilerden hangisidir?



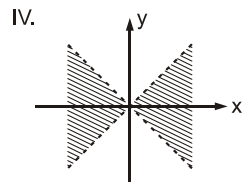
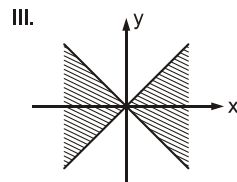
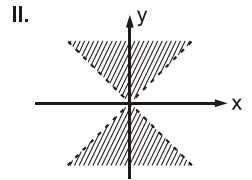
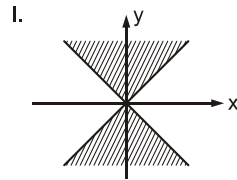
10.  $y \leq |x|$  eşitsizliğinin grafiği aşağıdakilerden hangisidir?



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11.  $\mathbb{R}^2$ 'de  $|y| \leq |x|$  bağıntısının grafiği aşağıdakilerden hangisidir?



1.IV

2.II

3.II

4.III

5.III

6.II

7.IV

8.I

9.IV

10.III

11.III