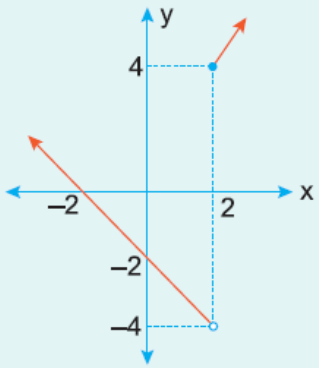
1.



Yukarıdaki grafiği verilen f(x) fonksiyonunun parçalı olarak ifadesi aşağıdakilerden hangisidir?

A) $f(x) = \begin{cases} 4x & , \ x \geq 2 \text{ ise} \\ 1 - x & , \ x < 2 \text{ ise} \end{cases}$

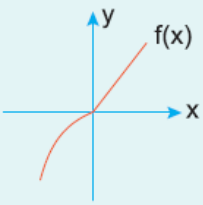
B) $f(x) = \begin{cases} 2x & , \ x \geq 2 \text{ ise} \\ -x - 2 & , \ x < 2 \text{ ise} \end{cases}$

C) $f(x) = \begin{cases} 2x & , \ x > 2 \text{ ise} \\ x - 2 & , \ x \leq 2 \text{ ise} \end{cases}$

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

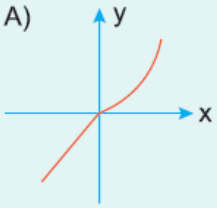
E) $f(x) = \begin{cases} 4x & , \ x > 2 \text{ ise} \\ -x - 2 & , \ x \leq 2 \text{ ise} \end{cases}$

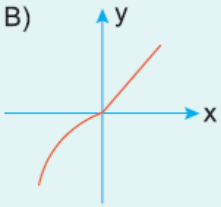
2.

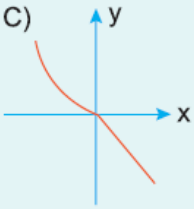


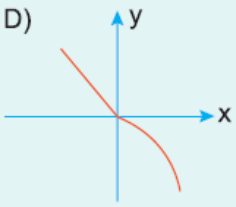
$R \to R$ ye $y = f(x)$ fonksiyonunun grafiği verilmiştir.

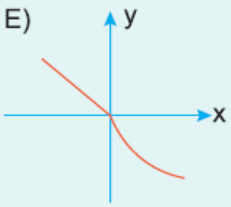
Buna göre, $y = -f(-x)$ in grafiği aşağıdakilerden hangisidir?

A)


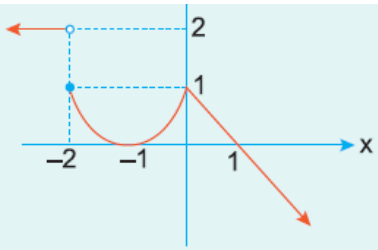
B)


C)


D)


E)


3.



Yukarıda grafiği verilen f(x) fonksiyonunun parçalı olarak ifadesi aşağıdakilerden hangisidir?

A) $f(x) = \begin{cases} 2 & , \ x < -2 \text{ ise} \\ (x+1)^2 & , \ -2 \le x < 0 \text{ ise} \\ -x+1 & , \ x \ge 0 \text{ ise} \end{cases}$

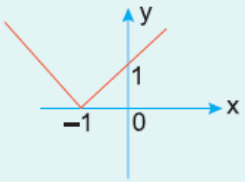
B) $f(x) = \begin{cases} 2 & , \ x < -2 \text{ ise} \\ (x+1)^2 & , \ -2 \le x < 0 \text{ ise} \\ -x+1 & , \ x > 0 \text{ ise} \end{cases}$

C) $f(x) = \begin{cases} -2 & , \ x < -2 \text{ ise} \\ (x-1)^2 & , \ -2 < x < 0 \text{ ise} \\ x+1 & , \ x > 0 \text{ ise} \end{cases}$

D) $f(x) = \begin{cases} 2 & , \ x \le -2 \text{ ise} \\ (x-1)^2 & , \ -2 < x < 0 \text{ ise} \\ -x+1 & , \ x \ge 0 \text{ ise} \end{cases}$

E) $f(x) = \begin{cases} 2 & , \ x < -2 \text{ ise} \\ x^2-1 & , \ -2 < x < 0 \text{ ise} \\ x+1 & , \ x \ge 0 \text{ ise} \end{cases}$

4.



Grafiği verilen fonksiyonun denklemi aşağıdakilerden hangisidir?

A) $y = \begin{cases} x+1 & , \ x \ge -1 \\ -x-1 & , \ x < -1 \end{cases}$

B) $y = \begin{cases} x-1 & , \ x < -1 \\ x+1 & , \ x \ge -1 \end{cases}$

C) $y = \begin{cases} x-1 & , \ x \ge -1 \\ x+1 & , \ x < -1 \end{cases}$

D) $y = \begin{cases} -x-1 & , \ x \ge -1 \\ x+1 & , \ x < -1 \end{cases}$

E) $y = \begin{cases} x+1 & , \ x \le -1 \\ -x-1 & , \ x > -1 \end{cases}$

Cevaplar :
1)B, 2)A, 3)A, 4)A,