

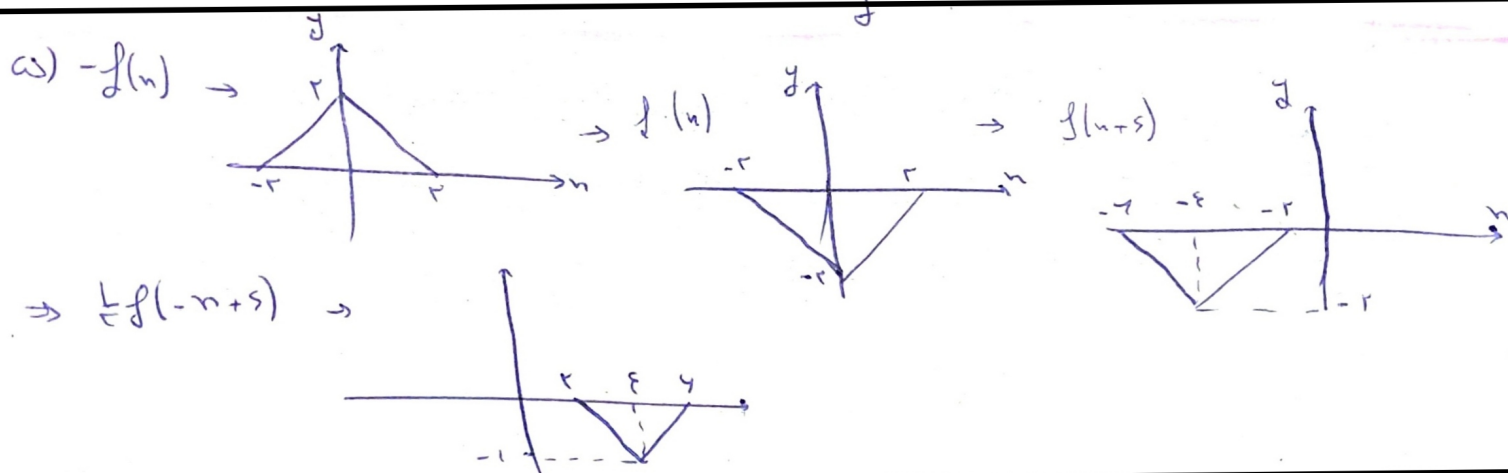
1)  $\omega) -\epsilon \leq 3n-2 \leq 2 \Rightarrow n \in [-\frac{2}{3}, \frac{4}{3}] / \text{ب) } n \in [-\epsilon, -2] \Rightarrow 3n-2 \in [-1-\epsilon, -1]$

2)  $n-2+\sqrt{n-4} \Rightarrow \text{نیاری - دارن} \Rightarrow \text{محدود} \Rightarrow n-2+\sqrt{n-4} = n \Rightarrow \sqrt{n-4} = 2 \Rightarrow n-4 = 4 \Rightarrow n = 8$

3)  $\rightarrow \text{تقریبی} \Rightarrow \frac{4}{2} = 2 \rightarrow \text{ارتفاع} / \rightarrow n \in [0, 4] \rightarrow \frac{4-0}{2} = 2 \rightarrow 3n+1 \Rightarrow 4 \times 3 = 12$   
 طول باز / طول باز  
 سبب باز / سبب باز

$f' = \frac{12 \times 2}{2} = 12$

4)  $\frac{n-a}{2} = 2 \Rightarrow n = a+4 / y = a+2f(2) = a-2 = y \Rightarrow 2(a+4)-1 = a-2 \Rightarrow 2a = a-2 \Rightarrow a = -2$



6)  $-(n+2)f(n-1)$

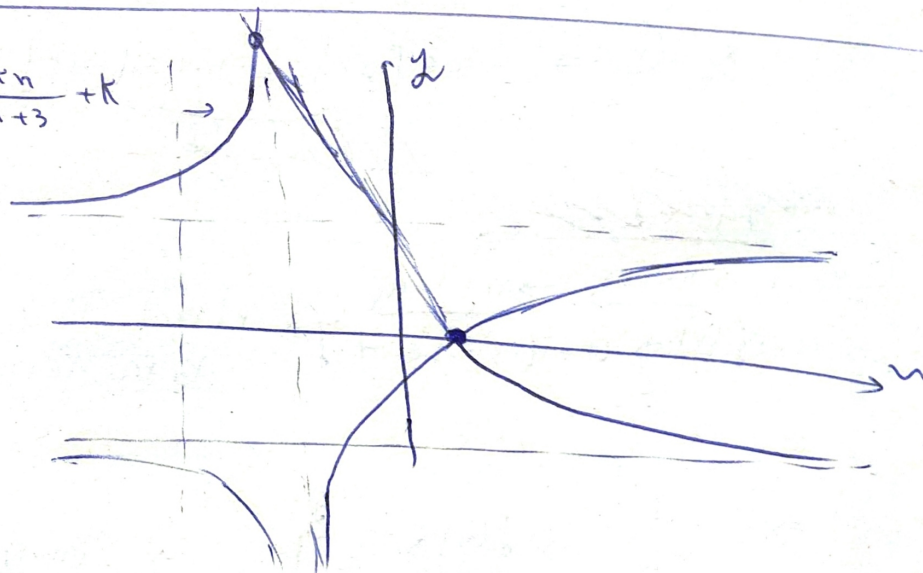
$\left. \begin{array}{l} n+2=0 \rightarrow n=-2 \\ n-1=0 \rightarrow n=1 \\ n-1=2 \rightarrow n=3 \\ n-1=-1 \rightarrow n=0 \end{array} \right\} \Rightarrow \frac{-2}{-} + \frac{1}{+} - \frac{3}{-} + \frac{0}{+} \Rightarrow [-2, 0] \cup [1, 3]$

7)  $|2(n+k)-3| + 1-3 = |2n+2k-3| - 2 \leq 2n-3 \Rightarrow n=0 \rightarrow |2k-3| \cdot 2 = 4 \Rightarrow |2k-3| = 2$

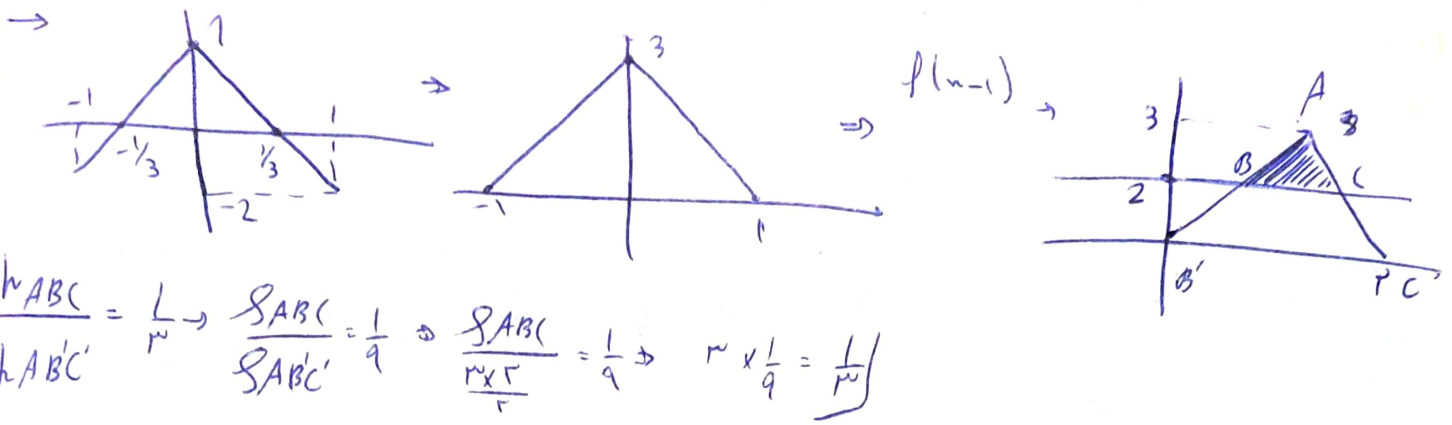
$2k-3=2 \Rightarrow k = \frac{5}{2} = 2.5 \checkmark \Rightarrow 2k-3=-2 \Rightarrow k = -\frac{1}{2} \rightarrow \text{غیر ممکن}$

1)  $\frac{1-2n}{n+1} \rightarrow \frac{1-\frac{2n}{3}}{\frac{n}{3}+1} = \frac{3-2n}{n+3} + k$

6)  $\text{داده های این بار}$



9)



10)

