

$\frac{1}{2} \log \frac{1}{2}$
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$$(x - r)^2 \leq 9$$

$$n - k \in \mathbb{N}$$

$$3 - 2 - 2$$

$$\left\{ \begin{array}{l} n \in V \\ n \in I \end{array} \right.$$

$$z + z^{-1} = 1$$

$$\boxed{K' = \frac{1}{2}}$$

④

$$\alpha\beta = \sqrt{\frac{\lambda}{\mu}}$$

$$D_g = [-r, b-1)$$

$$\Leftarrow \begin{cases} g(n) & f(n) \\ D_g = [1, b) & D_f = (a, r] \end{cases}$$

$$(a+1, a] \cap [-r, b-1) = (-r, a)$$

$$\begin{aligned} b-1 &= 2 & \rightarrow b &= 9 \\ a+1 &= -1 & \rightarrow a &= -2 \end{aligned}$$

$$a - b = -1 - 9 = \underline{-10}$$

(A)

$$-1 \leq z \leq 2$$

$$\frac{0}{2} \wedge \frac{1}{2} \wedge \frac{3}{2}$$

$$\pi/1 \wedge \pi/3 + 1 \wedge \pi/5$$

$$\therefore f(x) \rightarrow [-1, 4]$$

$$f(x) \rightarrow [-1, 1]$$

$$f(x) - \mu \rightarrow [-0, 1]$$

$$2. \quad |f(x) - \mu| \rightarrow [0, \infty]$$

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$$D_f = \left[-\frac{1}{r}, \frac{v}{r} \right]$$

$$R_f = [0, \sqrt{a}]$$

$$g(m) = \left\lfloor \frac{(m-2) + 1}{2(m-2) + 1} \right\rfloor + 1 = \left\lfloor \frac{m-1}{2m-3} \right\rfloor + 1$$

$n + g(n) < 0 \rightarrow n + \left| \frac{n-1}{m-n} \right| + 1 < 0 \rightarrow n+1 < 0$

هون قدر مطلق هيتہ نامن اے

$$n+1 < 0$$

$$n < -1 \rightarrow \text{موجب}$$

$$\rightarrow n + \frac{n-1}{r_n - r} + 1 <_0 \rightarrow \frac{r_n^r - r}{r} <_0$$

$$\frac{-\sqrt{r}}{1} + \frac{+\sqrt{r}}{1} = \frac{2\sqrt{r}}{1} \quad (II)$$

$\frac{1}{2} + \frac{1}{2} = 1$

$$z < -1$$

$$\textcircled{\text{I}} \cap \textcircled{\text{II}} \rightarrow (-\infty, -\sqrt{2})$$

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(I)

(کلیف ۷)

(نقطه شش)

(دوازدهم دفتر B)

$$-2 \leq \frac{m+2}{2} \leq 2$$

$$-10 \leq m+2 \leq 10$$

$$-12 \leq m \leq 18$$

$$-4 \leq m \leq 9$$

$$D_f = [-4, 9]$$

$$-2 \leq m \leq 2$$

$$-9 \leq m \leq 9$$

$$-8 \leq m-2 \leq 8$$

$$D_f = [-8, 8]$$

$$-1 \leq m \leq 2$$

$$-3 \leq m \leq 9$$

$$-2 \leq m+1 \leq 10$$

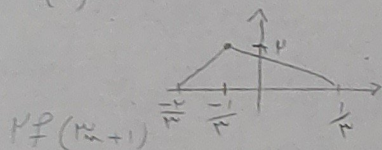
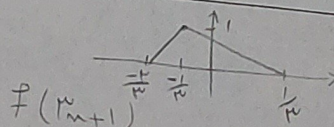
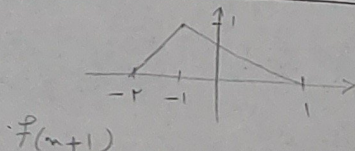
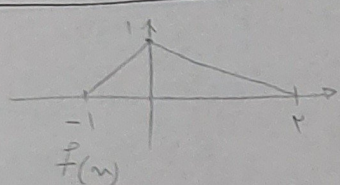
$$f \rightarrow 0 \rightarrow -1 \leq \frac{m+1}{2} < 0$$

$$-1 \leq 2-0m < 2$$

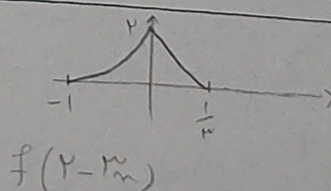
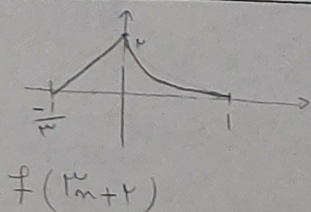
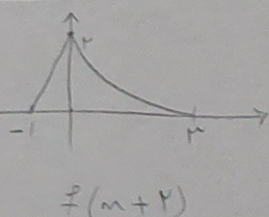
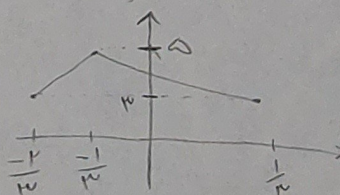
$$-3 \leq -0m < 3$$

$$\frac{m}{2} \geq m > \frac{m}{2}$$

$$D_f = \left(\frac{-m}{2}, \frac{m}{2} \right]$$



$$2f(m+1) + 2$$



$$\frac{1}{2} f(2-m)$$

