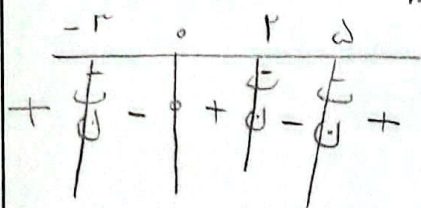


$$D_f = \{[-5, 0] \cup [2, 5]\} \cap [-2, 5] =$$

$$\boxed{[-5, 0] \cup [2, 5]}$$



$$D_f = \{(-\infty, -3) \cup [0, 2) \cup (5, \infty)\} \cap [-4, 5] =$$

$$[-4, -3) \cup [0, 2) \Rightarrow -4, 0, 1 \quad \boxed{13}$$

$$f(r) - 2f(r) = 2 - 4 + 2 = +2$$

$$-f(r) = 2$$

$$f(r) = -2$$

$$f(-2) - 2f(-2) = 2 + 4 + 2 = 14$$

$$\boxed{f(-2) = 12}$$

$$f(1) = 2 + 2 = 4$$

$$f(5) = 5 - \sqrt{5+5} = 2$$

$$v + 2 = 9$$

$$f(5) = 2$$

$$f(r) = 2 + 2 = 4$$

$$a(n-1)^2 - b(n-1) + \cancel{c} - (an^2 - bna + \cancel{r}) = 7n + r$$

$$\cancel{a}n^2 + a - 2an - \cancel{b}n + b - \cancel{a}n^2 + \cancel{b}n = 7n + r$$

$$-2an + a + b = 7n + r$$

$$\begin{cases} a = -r \\ b = 2 \end{cases} \Rightarrow a - b = -1$$

$$\frac{3 + \varepsilon - \cancel{4\sqrt{r}} + \cancel{\varepsilon\sqrt{r}} - 1 + d}{\cancel{V} - \cancel{1} + V} = \frac{d-1}{1} = \frac{\varepsilon}{1} = \frac{r}{r}$$

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$$f\left(x - \frac{1}{x}\right) = x^2 + \frac{1}{x^2} = x^2 + \frac{1}{x^2} - 2 + 2 = \left(x - \frac{1}{x}\right)^2 + 2$$

$$f(2) = 9 + 2 = 11$$

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$$P_g = [-3, 3]$$

$$\text{الف) } \left\{ (2, 0), \left(1, -\frac{\varepsilon}{\sqrt{A}}\right), \left(0, \frac{r}{\sqrt{A}}\right) \right\}$$

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$$\text{ب) } \left\{ \left(2, \frac{\sqrt{A}}{\varepsilon}\right), \left(1, \frac{\sqrt{A}}{-\varepsilon}\right), \left(0, \frac{\sqrt{A}}{r}\right) \right\} = \left\{ \left(1, -\frac{\sqrt{A}}{\varepsilon}\right), \left(0, \frac{\sqrt{A}}{r}\right) \right\}$$

$$\text{الف) } \left\{ (2, 2), (3, 1), (-5, 4), (1, -4) \right\}$$

$$\text{ب) } \left\{ (2, 2), (3, 5), (-5, 3), (1, -1) \right\}$$

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$$\text{ج) } \left\{ (2, 3), (3, 4), (-5, 12), (1, 12) \right\}$$

$$\text{د) } \left\{ (4, 1), (4, 4), (-1, 2), (2, -2) \right\}$$

$$\text{الف) } f - g = \left\{ (3, 2), (1, 4), (2, 2) \right\}$$

$$\text{ب) } \frac{rf}{g} = \left\{ (3, -2), \left(1, \frac{4}{\cancel{2}}\right), (2, 4) \right\} = \left\{ (3, -2), (2, 4) \right\}$$

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