

سری سوالات

$$\begin{aligned} x - y &= 2 \\ x + 2y &= -4 \end{aligned}$$

$$\begin{aligned} 2x &= 14 \\ x &= 7 \end{aligned}$$

$$\frac{x}{7} = \frac{-2}{7}$$

$$\begin{aligned} 2 + 2y &= -4 \\ 2y &= -6 \\ y &= -3 \end{aligned}$$

$$\begin{aligned} -\frac{a}{2} + \frac{a}{y} &= +a \\ \frac{a}{2} - \frac{a}{y} &= -a \end{aligned}$$

$$\frac{-1}{y} = 2 \Rightarrow \boxed{y = -1/2}$$

$$\begin{aligned} \frac{a}{2} + v &= -a \\ \frac{a}{2} &= -1 \end{aligned}$$

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

$$\begin{aligned} -1 \cdot a &= a \\ a &= \boxed{-1} \end{aligned}$$

$$\begin{aligned} a + 1 &= -2 \\ a &= -3 \end{aligned}$$

$$\begin{aligned} 2a + 2b &= -4 \\ -4 + 2b &= -4 \\ \boxed{b} &= 0 \end{aligned}$$

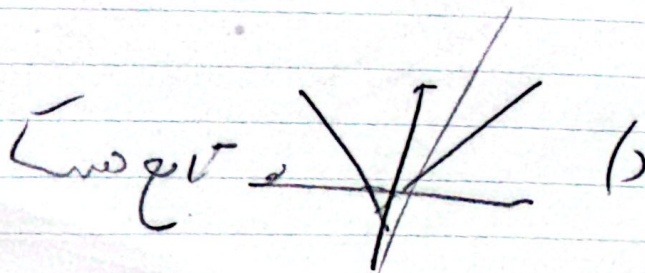
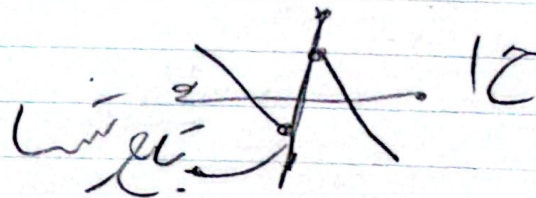
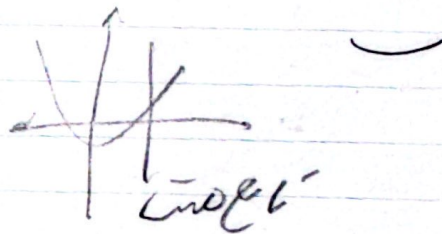
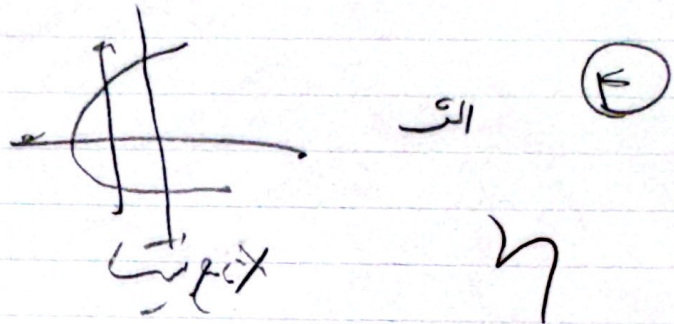
$$m^2 - 3m = -2$$

$$m^2 - 3m + 2 = 0$$

$$(m-1)(m-2) = 0$$

$$m = +1 \rightarrow (2, 4) (2, 3)$$

$m = +2$ قال فوجدنا



$$x=0 \quad y=-1 \quad x=1 \quad y=-\sqrt{x}$$

5

$$\left. \begin{aligned} y_1 &= -\sqrt{t+1} \\ y_2 &= -\sqrt{t+1} \end{aligned} \right\} \Rightarrow y_1 = y_2 \Rightarrow \sqrt{t+1} = \sqrt{t+1}$$

$$t+1 = t+1$$

$$1 = \dots \quad y = \sqrt{1-y^2}$$

$$y^2 = 1 - y^2 \quad (1-y^2)$$

$$2y^2 = 1$$

$$y = \pm \frac{1}{\sqrt{2}}$$

نصف اول
نصف دوم

$$\frac{\sqrt{2}}{2}$$

این

$$x=1 \Rightarrow y=\pm 1$$

اینست

6

$$(y+x)^2 = 0$$

عدد صحیح
x=0
x=-1

$$x+y=0 \Rightarrow y=-x$$

$$\frac{r}{r} - \frac{r}{r} = \frac{r + r(r+w)}{1 + r} = \text{Long}$$

\sqrt{r} \sqrt{r} \sqrt{r}

N)

$$x = -1$$

$$-1 - a + b = -r$$

$$+r + a = +r$$

$$y = rx - a$$

$$+r + b = 0$$

$$b = -r$$

$$y = x^r + ax - r$$

$$-r = -1 - a - r$$

$$-1 = -a$$

$$a = 1$$

$$x^r + x - r = rx - 1$$

$$x^r - rx - 1 = 0$$

$$\begin{array}{r}
 x^r - rx - 1 \quad | \quad x+1 \\
 -x^r + rx \\
 \hline
 +2rx - 1 \\
 +x^r + x \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 x^r - rx - 1 \\
 -x^r + x \\
 \hline
 -x - 1
 \end{array}$$

$$x^r - x - 1 = 0$$

$$x = 1$$

$$-x - 1$$

$$+x + 1$$

$$r a = a + b$$

$$a = b$$

$$r a = a - r(a) + 1$$

$$r a = -a + 1$$

$$r a = 1$$

$$a = \frac{1}{r}$$

10

$f(1) \rightarrow f(2) \rightarrow f(x)$

$$\frac{14 - r a + c + 1}{r b + r}$$

$$\frac{r(a + c + 1)}{b + r} = \frac{c + 1}{r}$$

$$r a + r = c + 1$$

$$\frac{r(-a + c + 1)}{b + r} = 1$$

$$r = 0 \quad \frac{c + 1}{r} = 0 =$$

$$b + r = r - a + c + 1$$

$$c + 1 = 0$$

$$r b + r = 14 - r a + c + 1 = 14 - r a + c + 1 =$$

$\sum_{i=1}^n \frac{1}{i}$

$$a + b + c = r r$$