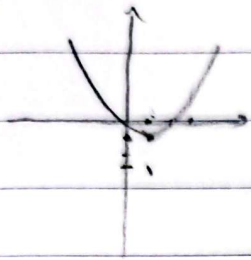


Subject:

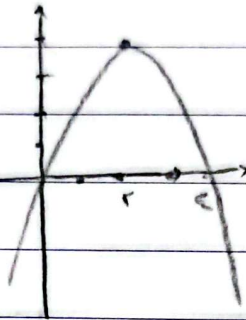
$y = 2x^2 - 4x$



ا) >

ext |  $\frac{-b}{2a} = \frac{4}{4} = 1$   
 $\frac{c}{4} = \frac{-2}{4} = -\frac{1}{2}$

ب) <



از ناصبه دوم

۳

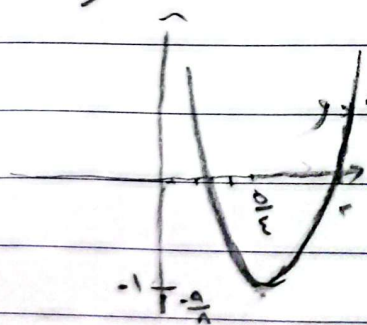
$y = -x^2 + 4x$

ext |  $\frac{-b}{2a} = \frac{-4}{-2} = 2$   
 $\frac{c}{4} = \frac{4}{4} = 1$

ب) <

انصبه دوم

$y = x^2 - 5x + 4$



ext |  $\frac{-b}{2a} = \frac{5}{2}$   
 $\frac{c}{4} = \frac{4}{4} = 1$

۳ با اوقات

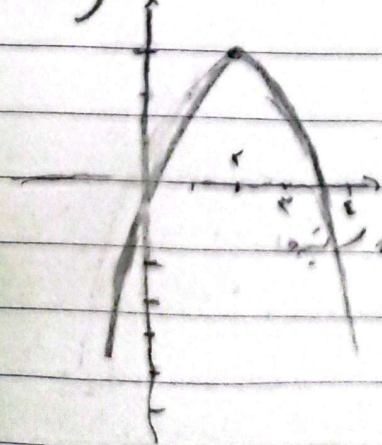
$(x-1)(x-4)$

$x < \frac{1}{2}$   
 $\frac{1}{2}$

از ناصبه دوم

باید مشتق می کردید از کدام

$y = -x^2 + 2x - 1$



ext |  $\frac{-b}{2a} = \frac{-2}{-2} = 1$   
 $\frac{c}{4} = \frac{-1}{4} = -\frac{1}{4}$

نواصه  
می گذارند!

$x < 1 \rightarrow -1 + 2 - 1 = 0$

$x = 1 \rightarrow -1 - 2 - 1 = -4$

$x > 1 \rightarrow \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} = \frac{2 \pm \sqrt{4 - 4(-1)(-1)}}{-2} = \frac{2 \pm 0}{-2} = -1$

$\frac{2 - \sqrt{4 - 4(-1)(-1)}}{-2} = \frac{2 - 0}{-2} = -1$

از ناصبه دوم

$$\alpha + B s = \frac{b}{a} = \frac{1}{s} \cdot 1$$

$$\alpha - B s = \frac{\sqrt{a^2}}{|a|} = \sqrt{1+s^2} = \sqrt{1+s^2}$$

$$\alpha + B s = \frac{b}{a} = \frac{1}{s} \cdot 1$$

P

الف)  $\frac{1}{\sqrt{1+s^2}}$

ب)  $s^2 - 2p + 1 = 1 + s^2$

ج)  $(\alpha + B) (\alpha^r + B^r - \alpha B) s = 1$

د)  $(\alpha - B) (\alpha^r + B^r + \alpha B) s = \epsilon \sqrt{1+s^2}$

$$\sqrt{1+s^2} (s^2 - 2p + 1) = (s^2 - p)$$

P

هـ)  $(x-s)(x^2 - ax + a) =$  كيرتيدار

رشته كيرتيدار مضاعف دارد

$(x-s)^2 = x^2 - 2sx + s^2$   $a = \epsilon$   $\Delta < 0$   $a^2 - 4\epsilon^2 < 0$

$a(a-\epsilon) < 0$   $\left[ \begin{matrix} 0 & \epsilon \\ +1 & -1 \end{matrix} \right]$

$\alpha^r + B^r + \alpha^r - \epsilon \alpha = \sqrt{1+s^2}$

$$\frac{1+s^2 + \frac{2a}{r}}{\frac{a}{r}} = \sqrt{1+s^2}$$

$1+s^2 + a s^2 = a s - 9$

P

$\alpha^r + B^r = s^2 - 2p + 1 + \frac{2a}{r} = \frac{1+s^2 + 2a}{r}$

$\alpha^r + B^r = s^2 - 2p + 1 + \frac{2a}{r} = \frac{1+s^2 + 2a}{r}$

$s s = \frac{b}{a} = \frac{1}{r} s^2$

$P: \frac{c}{a} = \frac{-a}{r}$

$x_2 = \frac{-b + \sqrt{b^2 - 4ac}}{2a}$

$\frac{1+s^2 + \sqrt{1+s^2 - 2a(1+s^2)}}{r}$

$\frac{1+s^2 + \sqrt{1+s^2 - 2a(1+s^2)}}{r}$

$s = \frac{1}{a} s^2$

$\frac{-9}{r} = -x$

Subject:

$m \times r + n \times r + c \times y$

Date:

$b = \frac{v - ra + ra + r}{r}$  ,  $d$        $b \times r = r$        $\frac{a \times r}{r} = d$

$\frac{ra + r}{r} \gg 1$        $\frac{v - ra}{r} \gg 1$        $\frac{a - r}{r} \gg 1$   
 $\frac{ra}{r} = 1$        $\frac{v - ra}{r} \gg 1$        $\frac{a - r}{r} \gg 1$   
 $\frac{a}{r} = 1$        $\frac{r}{r} = a$        $\frac{a}{r} = 1$

$B(1, 1), A(1, 1)$        $m \times r + n \times r + c \times y \rightarrow m + n + c \times 1$   
 $\frac{1}{m + n + c \times 1}$   
 $\frac{1}{r \times m + r \times n + c \times r}$

$\left. \begin{matrix} - 9m + c \times 1 \\ - r \times m + c \times r \end{matrix} \right\} \begin{matrix} - 9m - 1 \times c \\ - r \times m - r \times c \end{matrix} \right\} - 9m - 1 \times c - r \times m - r \times c$

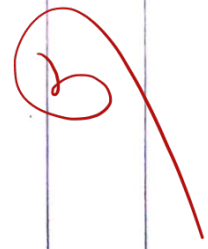
$9m + 1 = r \times m + r \times c \rightarrow m = \frac{1}{r}$

$-\frac{1}{r} \times r + \frac{1}{r} \times r + c \times y \times 1 \rightarrow \frac{1}{r} + \frac{1}{r} + c \times 1$

$\frac{2}{r} + c \times 1$



9



$$x = \frac{-4 \pm \sqrt{14 - 8a}}{r} \quad \text{or} \quad -4 \pm \sqrt{9 - a}$$

$$x = (-r - \sqrt{9 - a}) \quad \text{or} \quad (-r + \sqrt{9 - a})$$

$$x + y = 5r - 24 - 5a$$

$$r(5a - 5a) + x^2 = 16r^2 - 8a + 9 + 9 - a + 9\sqrt{9 - a}$$

$$\frac{8 \times 16}{A} = 8a + 9\sqrt{9 - a} + 18 + 18r \quad \text{or} \quad 251$$

$$x, \beta \rightarrow \frac{1}{\sqrt{x}} + \frac{1}{\sqrt{\beta}} \quad \text{if } \left( \frac{\sqrt{x} + \sqrt{\beta}}{\sqrt{x\beta}} \right) < 0 \quad \frac{1}{x + \beta + \sqrt{(x\beta)}} < 0$$

$$x, \beta < \frac{1}{\sqrt{x}} + \frac{1}{\sqrt{\beta}} \quad \text{if } \left( \frac{\sqrt{x} + \sqrt{\beta}}{\sqrt{x\beta}} \right) > 0$$

$$x + \beta < \frac{-b}{a} \quad \text{if } \frac{m+1}{m} < \frac{m+1}{m} \quad \text{if } \frac{m+1}{m} < \frac{m+1}{m}$$

$$m+1 < \frac{m+1}{m} < \frac{m+1}{m}$$

D

$$x, \beta < \frac{c}{a} + \frac{1}{m} + \frac{-1}{m}$$

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