

$$(0, 2) \rightarrow 1 - \frac{b}{c} = 2 \rightarrow \frac{b}{c} = -1 \rightarrow \frac{1}{c} = -b \rightarrow \frac{cb}{c} = -1$$

$$x^2 - 5x + p = 0 \rightarrow x^2 + \frac{r}{f}x - 1 = 0 \rightarrow (x+1)(x - \frac{1}{f}) = 0 \rightarrow x = -1, x = \frac{1}{f}$$

$$\rightarrow c > 0 \rightarrow (c = \frac{1}{f}, b = -\frac{1}{f}) \Rightarrow (-\frac{r}{f}, 0) \rightarrow 1 = \frac{r}{f}a + \frac{1}{f} \rightarrow -\frac{r}{f}a + 1 = \frac{1}{f} \rightarrow \frac{r}{f}a = \frac{f-1}{f} \rightarrow a = \frac{f-1}{r}$$

$$(a+c)b = (\frac{f-1}{r}) - 2 = -\frac{r}{f}$$

$$(1, 0) \rightarrow 1 + cx^r^{a+b} = 0 \rightarrow cx^r^{a+b} = -1 \stackrel{\div}{=} r^b \rightarrow b = 1$$

$$(0, \frac{r}{f}) \rightarrow 1 + cx^r^a = \frac{r}{f} \rightarrow cx^r^a = -\frac{1}{f}$$

$$f(-1) = 1 + cx^r^{a-b} = \frac{1}{9}$$

$$(0, 2) \rightarrow c + \frac{b}{\sigma} = 2$$

$$(r, f, 0) \rightarrow c + \frac{b}{r^r(a+b)} = 0 \Rightarrow \frac{b}{r^r(a+b)} = 2$$

$$\rightarrow 4 \cdot a + 20b = b \rightarrow 4 \cdot a = -19b \rightarrow \frac{a}{b} = \frac{-19}{4}$$

$$|x^2 - 1 - x| > 0$$

	$-\sqrt{r}$	\sqrt{r}
$x^2 - x - 2$	$-x^2 - x + 2$	$x^2 - x - 2$
$(x-2)(x+1) > 0$	$-(x-1)(x+2) > 0$	$(x-2)(x+1) > 0$
$\frac{-1 \quad 2}{+ \quad - \quad - \quad +}$	$\frac{-2 \quad 1}{- \quad + \quad + \quad -}$	$\frac{-1 \quad 2}{+ \quad - \quad - \quad +} \rightarrow (x, +\infty)$
$(-\infty, -\sqrt{r}]$	$[-\sqrt{r}, 1)$	$(2, +\infty)$

$$g(1) = r$$

$$f(1) = r \rightarrow r = r^{b-a} \Rightarrow b-a = 1$$

$$f(-1) = 1 \rightarrow r^{b+a} = r^r \Rightarrow b+a = r$$

$$\begin{cases} b-a = r-1 = \frac{r}{5} \\ b+a = r \end{cases} \Rightarrow \begin{cases} b = r \\ a = 1 \end{cases}$$

$$y = x^r - x = g(x)$$

$$g(1) = 0 \quad f(1) = 0 \rightarrow -1 + \left(\frac{1}{r}\right)^{A+B} = 0 \rightarrow r^{-(A+B)} = 1 \Rightarrow A+B = -\frac{1}{r}$$

$$g(r) = r \quad f(r) = r \rightarrow -r + \left(\frac{1}{r}\right)^{A+B} = r \rightarrow r^{-(A+B)} = r^r \Rightarrow A+B = -\frac{r}{r}$$

$$\Rightarrow A = -1, B = 0 \quad f(r) = -r + \left(\frac{1}{r}\right)^{-1(r)} = -r + \frac{1}{r}$$

$$\frac{1}{4}A = A \times \left(\frac{1}{9}\right)^{\frac{1}{4}} \rightarrow y = \left(\frac{9}{x}\right)^{\frac{1}{4}} \Rightarrow y_0 = \frac{1}{4} \cdot y \frac{9}{x}$$

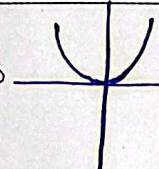
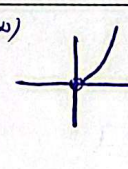
$$\Rightarrow \frac{y_0^r}{\frac{0}{\sqrt{}}} + \frac{y_0^r}{\frac{0}{\sqrt{}}} = \frac{1}{4} \left(r y_0^r - r y_0^r \right) = \frac{19}{14+14} = \frac{1}{4} \left(\frac{19}{14+14} \right) \Rightarrow t = \frac{19}{14}$$

$$\frac{1}{\sqrt{x}} = A \times \left(\frac{x}{x}\right)^{\frac{1}{\sqrt{x}}} \rightarrow \frac{1}{\sqrt{x}} = \left(\frac{x}{x}\right)^{\frac{1}{\sqrt{x}}} \rightarrow v = \left(\frac{x}{x}\right)^{\frac{1}{\sqrt{x}}} \rightarrow y_r = \frac{1}{\sqrt{x}}$$

$$\rightarrow \frac{1}{4} = \frac{1}{\sqrt{x}} \left(\frac{1}{14} - \frac{1}{4} \right) = \frac{1}{\sqrt{x}} \left(\frac{1}{14} - \frac{1}{4} \right) \Rightarrow t = 84$$

$$\frac{1}{r} = \left(\frac{94}{100}\right)^{\frac{1}{r}} \rightarrow r = \left(\frac{100}{94}\right)^t \rightarrow y^r = t y \frac{100}{94}$$

$$\Rightarrow \frac{94}{100} = t \left(r - y^r \right) \Rightarrow \frac{94}{100} = t \left(\frac{r}{r} \right) \Rightarrow t = \frac{94}{100}$$

الف) $q y^r = x y^r = x^r \rightarrow$  $\xrightarrow{D=(0, +\infty)}$ 

$$y = r y^r \rightarrow$$
 