

$$\begin{cases} u - y = 9 \Rightarrow u - y = 1 \Rightarrow u - y = 1 \\ u + y = -8 \Rightarrow u + y = -8 \end{cases} \Rightarrow \begin{cases} u - y = 1 \\ -2y = 9 \Rightarrow y = -\frac{9}{2} \\ u = 1 - y = 1 + \frac{9}{2} = \frac{11}{2} \end{cases}$$

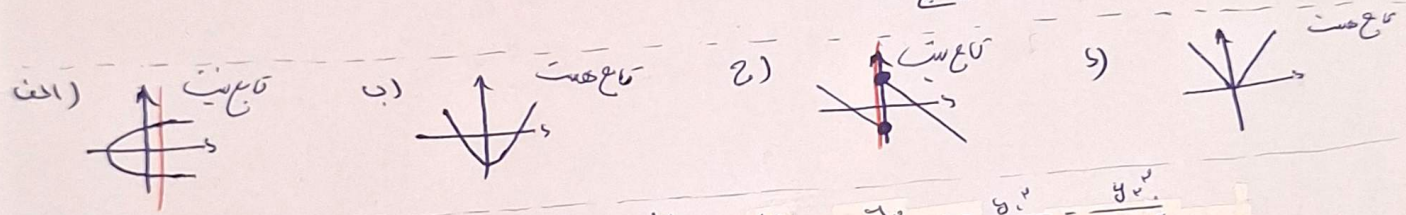
$$\begin{cases} \frac{1}{u} - \frac{1}{y} = -1 \Rightarrow y - u = -uy \Rightarrow uy - u = -uy \\ \frac{u}{u} - \frac{y}{y} = -1 \Rightarrow \frac{u}{u} - \frac{y}{y} = -1 \Rightarrow uy - u = -uy \end{cases} \Rightarrow \frac{u}{y} = \frac{1}{y}$$

$$f(a) + v f(r) = w f(c) \Rightarrow va + vb = -u, a + 1 = -v \Rightarrow a = -v$$

$$v(-v) + vb = -u \Rightarrow b = 0$$

$$m^2 - um = -v \Rightarrow m^2 - um + v = 0 \Rightarrow (m-1)(m-v) = 0$$

$m=1 \rightarrow (1, u)$ & $(1, v)$
 $m=v \rightarrow (v, u)$ & (v, v)



$$J = -\sqrt{u+1}$$

$$y' - y' y' = y' - y' y' \Rightarrow \frac{y'}{y' - y'} = \frac{y'}{y' - y'}$$

$$|y| = u \xrightarrow{u=1} y = \pm 1$$

$$y^u + u y^r + u y + u^r + u = 0$$

$$y^u + u y^r = -u y - u^r - u$$

$$f(u) = \frac{u^r + su + 0}{u^r + su + r} \Rightarrow \frac{(u+r)^r + 1}{(u+r)^r + 10} = \frac{(\sqrt{u} - r + c)^r + 1}{(\sqrt{u} - r + c)^r + 0} = \frac{u+1}{u+c} = \frac{r}{c} = \frac{r}{c}$$

$$f(u) = u^w + au + b$$

$$-2 = -v - a \Rightarrow a = +1$$

$$-2 = -1 - 1 + b = -1 \Rightarrow b = -1$$

$$g = u^w - a$$

$$u^w + u - r = u^w - 1 \Rightarrow u^w - r u - 1 = 0 \Rightarrow (u-1)u(u+1) - (u+1) = 0$$

$$(u+1)(u^w - u - 1) = 0$$

$$u^w - u - 1 = 0$$

$$S = -\frac{b}{a} = 1$$

$$a + b = ka \Rightarrow a = b$$

$$\frac{a - kb + 1}{-a + 1} = ka \Rightarrow ka = 1 \Rightarrow a = \frac{1}{k}$$

$$f(u) = \frac{su^r - au + c + 1}{bu + c} = u \Rightarrow bu^r + cu = su^r - au + c + 1$$

$$b = s, a = -v, c = -1$$

$$b + a + c = -v - 1 + s = 0$$