

$$x=a \rightarrow a^r + ra = a^r - f$$

$$a = -r$$

$(r, r)$  با  $\frac{1}{r+1}$

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

$$\frac{f+a}{\Delta} = r$$

$$ra = 1a$$

$$\boxed{a=11}$$

$$r(r)+b = r \quad \boxed{b=-1}$$

$$f(1) = \frac{1+11}{r+1} = \frac{1r}{r} = 4$$

$$\mathbb{R} - \{-1, f\}$$

بفرض  $(n+1)(n+f) = (n^r - r^n - f)x + f \rightarrow r^n x^r - r^n x - 1$   
 این معادله را می توانیم به صورت زیر بنویسیم  

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

$$(x+1)^r = (x^r + 1 + rx) x - f \Rightarrow -f m^r - 1 m - f = -f m^r + a m + b$$

$$\oplus = -1r \quad \oplus = +$$

$$\mathbb{R} - \{+1\} \rightarrow \text{خرج} \Rightarrow (n-1)^r = (n-1)(n^r + n + 1) \quad m=1$$

$$\sqrt{\left(r - \frac{1}{n}\right)\left(r + \frac{1}{n}\right)} \geq 0 \quad \mathbb{R}^+ \subseteq \mathbb{R} - [0, -\infty)$$

$$\Delta < 0 \quad \left. \begin{array}{l} (rm)^r - f(m)(1) < 0 \\ fm^r - fm < 0 \quad m < 0 \\ fm(m-1) < 0 \quad m < 1 \end{array} \right\} \cap = \emptyset \Rightarrow \text{مجموعه تهی}$$

$$r) a > 0 \Rightarrow \boxed{m > 0} \quad \boxed{m < 0}$$

$$\frac{fa^r - 1}{ra - 1} \quad r m - 1 \neq 0 \quad m \neq \frac{1}{r}$$

$$\frac{1}{r} x r + 1 = \frac{1}{r} x r + k \quad a+k = \frac{1}{r}$$

$$1+1 = r+k \quad \boxed{k=0}$$

$$rm+b = \frac{r m^r - f}{r m + r} \Rightarrow \frac{(r m - r)(r m + r)}{r m + r} = r m + b \quad \boxed{b=-r}$$

$$a - b = \boxed{f}$$

$$x = -\frac{r}{r} \rightarrow r a - \frac{r}{r} + r = r a - \frac{r}{r} - r \quad -ra + r = -r - r$$

$$-ra = -1 \quad -ra = -1 \quad \boxed{a=f}$$

$$g(m) = f(m)$$

$$ra^r + ra = f \quad ra^r + ra - f = 0 \xrightarrow{r} a^r + a - r = 0 \quad (a-1)(a+r) = 0$$

$$a=1 \quad a=-r$$

$$\text{if } a = -r \rightarrow ra^r + a = r$$

$$f(m) \rightarrow r x f - r a = \frac{m}{r} \quad 1 - f = \boxed{f}$$

$$\rightarrow g(m) = r + r = \boxed{f}$$