

17/12/20

110

$$a = -1 \quad -1 - 2b = 1 \quad -2b = 2 \quad b = -1 \quad c + d = 2$$

$$f(x) = g(x) \quad (a, b) \text{ مخرج } -x^2 + x - m = 0 \quad \Delta = 0 \rightarrow b^2 - 4ac = 1 - 4(-1)(-m)$$

$$1 - 4m = 0 \quad \frac{1}{4} = m \quad \sqrt{-(x - \frac{1}{2})^2} = \sqrt{-(x - \frac{1}{2})^2} \quad x - \frac{1}{2} = 0 \quad x = \frac{1}{2}$$

$$a + b = \frac{1}{2}$$

$$D_g = \mathbb{R} - \{c\} \rightarrow \Delta = b^2 - 4ac = 9 - 4b = 0 \quad \frac{9}{4} = \frac{4b}{4} \quad b = \frac{9}{4}$$

$$(n+4n+9) \rightarrow (n+3)^2 \quad c = -3 \quad x = g(0) = \frac{r}{-3} = f(0) = \frac{a}{9}$$

$$a = 4 \quad a + b + c = 4 + 9 + (-3) = 10$$

AMAR

$$rx^r - rx - \delta = x^r - rx - 1 \quad (x - \frac{\delta}{r})(x+1) = x^r - rx - \delta$$

$$(x-0)(x+1) \neq 0 \quad x^r - \frac{1}{r}x - \frac{\delta}{r} =$$

$$x = \frac{\delta}{r} = \frac{1}{r} - 1$$

$$P_g: R = \{ \frac{\delta}{r}, -1 \} = P_f \quad m = +\frac{1}{r} \quad n = -\frac{\delta}{r}$$

$$am - bn = (-\frac{1}{r} \times \frac{1}{r}) - (-\frac{\delta}{r} \times \frac{1}{r}) = \frac{\delta}{r^2}$$

$$x = \frac{g(x) + b}{+ \delta} \quad f(x) = \frac{r}{-\delta} \rightarrow \frac{r \times r}{-\delta} = \frac{r}{-\delta}$$

$$x = 1 \quad \frac{1-b}{-4} \rightarrow \frac{\delta}{-4} = \frac{a+r}{1-\frac{4}{r}} \quad \frac{\delta}{-4} = \frac{a+r}{-\frac{r-4}{r}} \rightarrow \frac{a+r}{-r} = \frac{\delta}{-4} \quad a+r = \frac{\delta}{-4}$$

$$Ax+b \neq 0 \quad Ax \neq -b \quad a = -b$$

$$g(x) = c \quad f(x) = \frac{r}{b} \rightarrow c = \frac{r}{b} \rightarrow bc = r \quad c = \frac{b}{\wedge} = \frac{r}{b} \quad b^r \neq 19 \quad b = \pm 2$$

$$bx+r = c$$

$$x+b \quad c \wedge x = bx+r \quad \wedge xc = bx \quad c = \frac{b}{\wedge}$$

$$\frac{ab}{c} = \frac{b}{\frac{b}{c}} = -b \rightarrow \pm 2$$

$$f(x) = \frac{r}{b} = \frac{1}{2} \quad (1, 1), (1, -1), (1, \frac{1}{2}), (1, \frac{1}{2}), (-1, -\frac{1}{2})$$

$$f(x) = \frac{r}{b} = \frac{1}{2} \quad (1, 1), (1, -1), (1, \frac{1}{2}), (1, \frac{1}{2}), (-1, -\frac{1}{2})$$

$$f(x) = \frac{r}{b} = \frac{1}{2} \quad (1, 1), (1, -1), (1, \frac{1}{2}), (1, \frac{1}{2}), (-1, -\frac{1}{2})$$

$$R = \{ 1, r, 2 \}$$

