

کون جیسی راز
بہتر

$$f\left(\underbrace{f\left(\frac{1}{2}\right)}_{\sqrt{2}}\right) \rightarrow f\left(\frac{1}{2}\right) = \cos \frac{2\pi}{12} \rightarrow \cos \frac{\pi}{6} \rightarrow \cos \frac{\pi}{6} \rightarrow \frac{\sqrt{3}}{2}$$

$$f(\sqrt{2}) = \sqrt{4} = 2$$

$$f\left(g\left(\frac{\pi}{2}\right)\right) \quad g\left(\frac{\pi}{2}\right) = 2 \cos \frac{\pi}{2} \rightarrow \left[\frac{1}{2}\right] \quad f\left(\frac{1}{2}\right) \rightarrow f(2) = \sqrt{\frac{2}{2}} \quad (2) \text{ (ف)}$$

$$f(g(\sqrt{2})) \quad g(\sqrt{2}) = \frac{\sqrt{2}}{1-\sqrt{2}} \rightarrow \frac{\sqrt{2}}{1-\sqrt{2}} \times \frac{1+\sqrt{2}}{1+\sqrt{2}} = \frac{\sqrt{2}+\sqrt{2}}{1-2} = \frac{\sqrt{2}+\sqrt{2}}{-1} \rightarrow \frac{-\sqrt{2}-\sqrt{2}}{-1}$$

$$f(-\sqrt{2}-\sqrt{2}) = [-\sqrt{2}-\sqrt{2}] \rightarrow [-2] \quad (3)$$

$$\cancel{f(g(f(\frac{\pi}{2})))} \quad g(f(\frac{\pi}{2})) \quad f(\frac{\pi}{2}) = \sin \frac{\pi}{2} \rightarrow \frac{\sqrt{2}}{2}$$

$$g\left(\frac{\sqrt{2}}{2}\right) = \frac{\sqrt{2}}{2} \sqrt{1-\frac{1}{2}} \rightarrow \frac{\sqrt{2}}{2} \sqrt{\frac{1}{2}} = \left[\frac{1}{2}\right]$$

$$(1, 1), (2, 1), (1, 2), (2, 2) \quad (4) \text{ (ف)}$$

$$\emptyset \quad (5)$$

$$\emptyset \quad (6)$$

$$(2, 1), (1, 2), (2, 1) \quad (7)$$

~~$f \in G$~~ $(r, r) \in \log \rightarrow (a, r) \rightarrow (r, r)$ (2)
 $(r, 1) \in \log$
 $\downarrow$
 $\boxed{a=r}$ $(a, b) \rightarrow (r, d)$
 $\downarrow$
 $(r, d) \rightarrow (b, r)$
 $\downarrow$
 $\boxed{b=d}$

~~$f(f(n)) = f(f(n+1)) = f(f(n+1)+1) = f(n+1)+1$~~ (4)

$f(x) = ax + b$

$f(f(n)) = a^2n + ab + b$ $\begin{cases} a=r \\ b=1 \end{cases}$

$f(n) = rn + 1$

$f(-1) = (-1)$

$g(n) = a'n + b'$

$g(-1) = -\frac{1}{r} - \frac{1}{r}$

$g \circ f = (a'a + r'a' + b' = rn - 1$

$-\frac{1}{r} = (-1)$

$a' = \frac{r}{r} \quad b' = -\frac{1}{r} \rightarrow g = \frac{r}{r}n - \frac{1}{r}$

(V)

$g \circ f = \frac{1}{n+|n| - \sqrt{n+|n|}}$

- $\ominus \rightarrow$ منفردی کنه
- $\odot \rightarrow$ خروجی
- $\wedge \rightarrow$ منفردی کنه
- $\rightarrow$ خروجی
- $\rightarrow$ " "

$D_f = R^+ - \{1\}$

$(f+g) \circ f \rightarrow f \circ f + g \circ f$

$\sqrt{1-u^2} + \sqrt{1-u^2}$

$1-u^2 > 0 \rightarrow -1 < u < 1$

$1-|1-u^2| > 0 \rightarrow u^2 > 0 \rightarrow D = [-1, 1]$

~~$D_f = [1, 3] \rightarrow R_f = [2, 4]$~~
 ~~$R_g = [1, 3]$~~

~~$(f+g) \circ f$~~
 ~~$D_g = [1, 3]$~~

Mathematical symbols and text at the top of the page.

$$\frac{r_{n+1}}{n-1} = t$$

$$f(x) = \frac{r+19x}{x-r} + \omega \rightarrow \boxed{f(x) = \frac{19x-11}{n-r}}$$

(31) (9)

↓

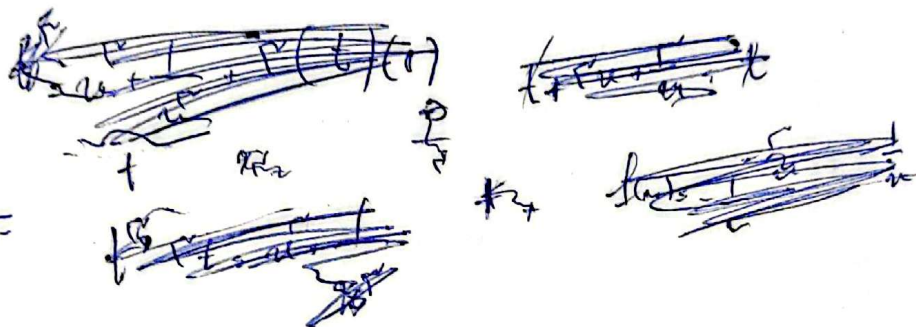
$$n = \frac{rt+1}{t-r}$$

(4)

$$n + \frac{1}{n} = t$$

$$t - r = \alpha = n + \frac{1}{n}$$

$$f(n) = n - rn$$



$$g \xrightarrow{\omega} L_{\sqrt{r}} \rightarrow (n-1)(n-r\sqrt{r})$$

$$f: \mathbb{Z} \rightarrow (n\sqrt{n}-1) (\text{scribbled})$$

$\downarrow$
1

$\downarrow$
r

$$K1 = \textcircled{1} (10)$$

↑
19r