

$$\left\{ \begin{array}{l} r_{n-1} \quad n \geq 1 \\ d_{n+1} \quad n < 1 \end{array} \right.$$

$$f(n) = n+1 \geq 0$$

$$(2) (1)$$

$$[-\frac{1}{n}, +\infty) \checkmark$$

$$r_{n-1} - n + 1 \geq 0 \quad n \geq 0 \rightarrow n \geq 1$$

$$d_{n+1} - n + 1 \geq 0 \quad d_{n+1} \geq 0 \quad n \geq -\frac{1}{2} \rightarrow n \geq 0$$

$$r_{n+1} + d_{n+1} \geq 0$$

$$R = \left\{ \frac{1}{n} \right\}$$

$$r(\frac{1}{n} + \frac{1}{n+1} + \frac{1}{n+2}) \rightarrow$$

$$(2)$$

$$\rightarrow r(r_{n+1})^r$$

$$\frac{r}{r_{n+1}}$$

$$\frac{r}{r_{n+1}}$$

$$(r_{n+1})^r$$

$$(1, 2, 3)$$

$$n^r + r_{n+1} - n - r = (n+1)(n^r - 1) \rightarrow n+1$$

$$C = r$$

$$(2)$$

$$\frac{-a+r}{b-1} = 1$$

$$-a+r_{n+1} = 1$$

$$b+a = r$$

$$(a+b) - (a-r_{n+1}) = r$$

$$d_{n+1} = r$$

$$h = r$$

$$b+c = r, d$$

$$(2)$$

$$\frac{n+1}{n-1} = \frac{n^r-1}{n^r+n+1} \rightarrow (n-1)(n+1)$$

$$(n-1)(n+1)$$

$$(n-1)(n-1)$$

$$r_{n+1} - r_{n+1} = n^r + n + 1$$

$$a+b+c = -r+1+1 = 0$$

$$C = 14$$

$$f(n) d(n-r)^r (n-1)$$

$$g(n) f(n+1) = f(1-n)$$

$$(2)$$

$$(n-r)^r (n) + (-n-r)^r (-n) =$$

$$g(n) = -\Lambda n^r$$

$$(2)$$

$$= h \quad n^r + d + d_{n+1}$$

$$(n^r + d - d_{n+1})n + (-n^r + d - d_{n+1})n = n(-\Lambda n)$$

$$f(1-xn) = \begin{cases} \sqrt{n+1} & n \leq 0 \\ d\sqrt{n} & n > 0 \end{cases}$$

$$f(-1) + f(1) = ?$$

$$(2)$$

$$(2)$$

$$1 + 1 = 2$$

$$1 - r_{n+1} = -1$$

$$n = 1$$

$$1 - r_{n+1} = r$$

$$n = -1$$

$$f(n-1, n) = n^k + e_n \quad f(1) = 1^k + 1 = 2 \quad \boxed{248} \quad \checkmark$$

$$n-1 \leq 0 \quad n \geq 1 \quad (n-1)(n-1) \quad \sqrt{n} = -\sqrt{x} \quad \sqrt{n} = 2 \quad \boxed{n=4} \quad \checkmark$$

$$n-1 \leq 0 \quad n \geq 1 \quad f(1) = (1+1)^k + (1+1) = 2^k + 2 \quad \text{①} \quad \text{②} \quad \text{③} \quad \text{④} \quad \text{⑤} \quad \text{⑥} \quad \text{⑦} \quad \text{⑧} \quad \text{⑨} \quad \text{⑩}$$

$$1-n \leq 0 \quad n \geq 1 \quad f(1) = (1-1)^k + 1-1 = 0 \quad \text{①} \quad \text{②} \quad \text{③} \quad \text{④} \quad \text{⑤} \quad \text{⑥} \quad \text{⑦} \quad \text{⑧} \quad \text{⑨} \quad \text{⑩}$$

املا احياء جرب تا ميت فقط باينه بنويس ت

$$f(n) = \sqrt{a(n-k)} + 1 \quad g(n) = \sqrt{b(n-k)} + 1 \quad \text{④}$$

$$f-g = \{(1, k)\} \quad a-b-k = ? \quad \text{②}$$

$$f \geq a \quad n \geq \frac{a}{k} \quad n \leq \frac{b}{k} \quad \frac{a}{k} \leq n \leq \frac{b}{k} \quad \frac{a}{k} = \frac{b}{k} = 1$$

$$\sqrt{a-k} + k-1 - (\sqrt{b-k} + k) \geq k-1 - k = -1 \quad \boxed{k=1} \quad \checkmark$$

$$\frac{a}{k} - \frac{a}{k} + 1 = 1 \quad \text{③} \quad \checkmark$$

$$f(n) = \sqrt{m(n-k)} + 1 \quad g(n) = \sqrt{2(n-k)} + 1 \quad \text{②} \quad \text{⑩}$$

$$f-g = \sqrt{m(n-k)} - \sqrt{2(n-k)} \quad m+n = ?$$

$$m-n \geq 1 \quad m \leq n \quad \left\{ \begin{array}{l} m \geq 1 \\ m \leq n \end{array} \right. \quad \sqrt{m(n-k)} + n = 4\sqrt{2} + 2\sqrt{2}$$

$$m+n = 8\sqrt{2} + 2 \quad \checkmark$$

$$y = \frac{r(1+r^n) + 1(n)(r_{n+1})}{(r_{n+1})^r} = \frac{r(r_{n+1})(r^n - r_{n+1}) + 1(n)(r_{n+1})}{(r_{n+1})^r}$$

$$y = \frac{1r^n + 1r_n + r}{(r_{n+1})^r} = \frac{r(r_{n+1})^r}{(r_{n+1})^r} = \frac{r}{r_{n+1}} \Rightarrow Dy = 1R - \left\{ \frac{1}{r} \right\}$$

nuzzle

$$f(n-1) = (n-1)^k + (n-1) \rightarrow \text{صفر}$$

$$f(1-n) = (1-n)^k + (1-n)$$