

نام و نام خانوادگی پاسخنامه تشریحی تکلیف شماره ۴... کلاس ... یازدهم ... B

$$f(x) \rightarrow (a+1)(x+\mu) : x > 1$$

$$f(x) = (a+1)x + \mu = \mu a + \mu x$$

$$f(-\mu) \rightarrow \mu a + \mu x : x < 1$$

$$f(-\mu) = \mu a - \mu$$

$$\mu f(x) = f(-\mu) + a$$

$$1 \cdot f(a+1) = \mu a - \mu + a$$

$$1 \cdot a = -18$$

$$a = \frac{-18}{1} = -9$$

$$f(x) = \sqrt{x} + \frac{1}{\sqrt{x}} + \mu$$

$$f(\mu - \sqrt{\mu}) + f(\mu + \sqrt{\mu}) = ?$$

$$t^{\mu} + \frac{1}{t^{\mu}} = f$$

$$\frac{f - \mu}{\sqrt{\mu - \sqrt{\mu}}} = 1 \rightarrow$$

$$\sqrt{\mu - \sqrt{\mu}} + \frac{1}{\sqrt{\mu - \sqrt{\mu}}} + \mu + \sqrt{\mu - \sqrt{\mu}} + \frac{1}{\sqrt{\mu - \sqrt{\mu}}} + \mu =$$

$$(t + \frac{1}{t})^{\mu} = t^{\mu} + \frac{1}{t^{\mu}} + \mu \rightarrow$$

$$\sqrt{\mu + \sqrt{\mu}} = \frac{1}{t}$$

$$\mu \sqrt{4} + f$$

$$x^{\mu} (\mu f(x) - \mu f(-x) = f x^{\mu} - x)$$

$$x^{\mu} (\mu f(-x) - \mu f(x) = f x^{\mu} + x)$$

$$f f(x) - 9 f(-x) = 18 x^{\mu} - \mu x$$

$$9 f(-x) - 9 f(x) = 18 x^{\mu} + \mu x$$

$$-10 f(x) = 18 x^{\mu} + x \rightarrow f(x) = -\frac{9}{5} x^{\mu} - \frac{x}{5}$$

$$(x+\mu)f(x) - \mu x f(x+\mu) = f x^{\mu} - \mu x + \mu m - 1$$

$$x \rightarrow \mu f(0) = \mu m - 1 \rightarrow \frac{\mu m - 1}{\mu} = f(0)$$

$$x = \mu \rightarrow 9 f(0) = 19 + \mu m + \mu m - 1 \rightarrow \frac{10m + 10}{9} = f(0)$$

$$x^4 (\frac{\mu m - 1}{\mu} = \frac{10m + 10}{9}) \quad \frac{9m - \mu}{f m} = 10m + 10 \quad f(0) = \frac{\mu 0}{f}$$

$$f m = 18 \quad m = \frac{18}{f} = \frac{9}{\mu}$$

$$a x + b + \frac{a}{x} + b = \mu x^{\mu} - 1 \mu x + \mu$$

$$\frac{\mu b x + a + a x^{\mu}}{x} = \mu x^{\mu} - 1 \mu x + \mu$$

$$a = \mu$$

$$\mu b = -1 \mu$$

$$b = -1$$

$$f(-1) = -1 \times \mu - 9 = -9$$

$$f(x) = \mu x - 9$$

$$x \rightarrow \frac{x}{f} \quad (1, 1), (1, 0), (0, 1), (0, 0) \quad (1, -1), (-1, 1), (-1, -1), (-1, -1)$$

1.	$\begin{aligned} f(x) &= f(x) \\ x &= x \\ x &= x \\ x &= x \\ x &= x \\ x &= x \\ x &= x \end{aligned}$	$\begin{aligned} f(x) &= f(x) \\ x &= x \\ x &= x \\ x &= x \\ x &= x \\ x &= x \\ x &= x \end{aligned}$
2.	$\frac{f(x)}{x} = \frac{f(x)}{x}$	$\frac{f(x)}{x} = \frac{f(x)}{x}$
3.	$f(x) = g(x)$	$f(x) = g(x)$
4.	$f(x) = g(x)$	$f(x) = g(x)$
5.	$f(x) = g(x)$	$f(x) = g(x)$