

امیدوارم دوستم
بدرستی
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$$g'(x) = f'(\tan^r + \sqrt{r} \cos) \times r \tan(1 + \tan^r) + (-\sqrt{r} \sin)$$

$$g'(\frac{\pi}{r}) = f'(r) \times r$$

$$g'(\frac{\pi}{r}) = f'(r) \times r \quad f'(r) \times r = \sqrt{r} \quad f'(r) = \frac{\sqrt{r}}{r}$$

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$$f(x) = \frac{1 + \cos^r}{r - \cos^r} = \frac{(r + \cos)(r + \cos^r - r \cos)}{(r + \cos)(r - \cos)} \quad f'(x) = \frac{(r \cos + r \sin)(r - \cos) - (\sin)(r \cos)}{(r - \cos)^2}$$

$$g(x) = \frac{r}{r - \cos x} \quad \frac{-(-\sin x) \times r}{(r - \cos)^2} = \frac{1}{r - \cos} = \frac{14}{r - \cos}$$

$$\frac{4 + r\sqrt{r}}{r + \sqrt{r}} = \frac{1\sqrt{r}}{9}$$

$$\sin \frac{\sqrt{r}}{4} = -\frac{1}{r} \quad \cos \frac{\sqrt{r}}{4} = -\frac{\sqrt{r}}{r}$$

$$\frac{r}{r} + (r - r)\sqrt{an} \quad r \times \sqrt{an} + \frac{d}{r\sqrt{an}} \times r - r \quad \frac{1an + 1an - r_a}{r\sqrt{an}}$$

$$\frac{r}{r} - (-r + r)\sqrt{an} \quad -r \times \sqrt{an} + \frac{d}{r\sqrt{an}} \times (-r + r) \quad \frac{-1an - 1an + r_a}{r\sqrt{an}}$$

$$\frac{-1an + r_a}{r\sqrt{an}} = \frac{1an - r_a}{r\sqrt{an}}$$

$$\frac{-r \tan + 4a}{r\sqrt{an}} = r\sqrt{4}$$

$$\frac{-r \tan \times \frac{r}{r}}{a \times \frac{r}{r}} = \frac{-11a + 4a}{r\sqrt{\frac{r}{r}}a} = \frac{-12a}{r\sqrt{\frac{r}{r}}a} = r\sqrt{4}$$

$$\sqrt{\frac{a}{r}a} = 12a \quad \sqrt{\frac{r}{r}a \times \frac{r}{r}} \quad 14 \times \frac{a}{r} = 12a \quad a = \frac{12r}{14} = \left(\frac{1}{r}\right)$$

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$$y = r - ax$$

$$r - fa + (-a) = -1$$

$$r - 2a = -1 \quad -2a = -r \quad a = \frac{r}{2}$$

$$f'(t) = -a \quad f'(t) = -\frac{r}{2}$$

$$\frac{r}{r - fa}$$

$$vy = a + x \quad y = \frac{a}{v} + \frac{x}{v}$$

$$\frac{a(r^{n+1}) - r(an-1)}{(r^{n+1})^r} = \frac{1}{v}$$

$$\frac{an-1}{r^{n+1}} = \frac{a}{v} + \frac{x}{v}$$

$$van - v = (0+x)(r^{n+1})$$

$$van - v = 10n + 0 + r^n r + n$$

$$r^n r + (14 - va)n + 1r$$

$$(14 - va)^r - r(r)(1r) = 0$$

$$14 - va = 1r \quad -va = -r$$

$$14 - va = -1r \quad a = \frac{r}{v}$$

$$b = -14 \quad -va = -rn$$

$$-14 + 1r = -r$$



$$r^n r + a \quad 1r + a = 0 \quad a = -1r$$

$$\frac{f'(n)f'(a) + f''(n) \times f(n)}{n(1 - \cos n)^{n-1}} = r\sqrt{r} \quad f' = n(\sin(2r))^{n-1}$$

$$f'(n) \propto f(x) = 0$$

$$\frac{\sqrt{y} + 1}{\sqrt{y} - 1} = n \quad n\sqrt{y} - n = \sqrt{y} + 1$$

$$n\sqrt{y} - \sqrt{y} = n + 1 \quad \sqrt{y} = \frac{n+1}{n-1}$$

$$y = \left(\frac{n+1}{n-1}\right)^2$$

$$r\left(\frac{n+1}{n-1}\right) \times \frac{1(n-1) - (n+1)}{(n-1)^2}$$

$$4x - r = -1r$$

$$\frac{f(0) - f(-1)}{+1} = -11$$

$$1 - (\lambda)(-a+1)$$

$$\lambda a - v = -1$$

$$\lambda a = -r \quad a = \frac{r}{v}$$

$$n=1 \quad (r(r^{r+1})^r \times r^n) \left(-\frac{1}{r}n+1\right) + \left(-\frac{1}{r}\right)(r^{r+1})^r$$

$$1r \times r$$

$$r \times 1 + -r = (r_0)$$

$$\frac{f\left(\frac{\pi}{r}\right) - f\left(\frac{\pi}{r}\right)}{\frac{\pi}{r}} = \frac{1 \times -1 - \frac{\pi}{r} \times 0}{\frac{\pi}{r}} = -\frac{r}{\pi}$$



$$\frac{f\left(\frac{\pi}{r}\right) - f\left(\frac{\pi}{r}\right)}{\frac{\pi}{r}} = \frac{1 - 0}{\frac{\pi}{r}} = \frac{r}{\pi}$$

$$-\frac{\frac{\pi}{r}}{\frac{\pi}{r}} = -1$$

$$\sin^r - \cos^r \rightarrow (\sin^r + \cos^r)(\sin^r - \cos^r) = -\cos^r n$$

$$-\cos n$$

$$\cos \frac{\pi}{r}$$

$$\lim_{n \rightarrow \infty} \frac{\sin^n(x^r) \times r_n \sin^{n-1}(x^r) \times \cos x^r}{(r \sin \frac{r}{r})^n} \xrightarrow{\text{Sijal}} \lim_{n \rightarrow \infty} \frac{(x^r)^n \times n \times (x^r)^{n-1} \times r_n}{(r (\frac{x}{r})^r)^n} = \frac{(x)^{r_n + r_n - r + 1} \times r_n}{(x)^{r_n} \times \frac{1}{r}}$$

$$= \frac{r_n x^{n-1}}{\frac{1}{r^n} \times x^{r_n}} = r^{n+1} \times n \times x^{n-r_n-1} \rightarrow r_n - r_n - 1 = 0 \rightarrow n = \frac{r_n + 1}{r}$$

$$\hookrightarrow r^{n+1} \times \frac{r_n + 1}{x} = r r \sqrt{r} \rightarrow m = \frac{1}{r}, n = r \rightarrow r_m + n = 9$$

$$\frac{\phi(1) - \phi(-1)}{1 - (-1)} = \frac{1 - 1(-a+1)}{1} = 1a - 1 = -1 \rightarrow 1a = -1 \rightarrow \boxed{a = -\frac{1}{r}}$$

$$\phi'(n) = r(x^{r+1})^r (r_n) (a_{n+1}) + a(x^{r+1})^r \xrightarrow{-r_n=1} \phi'(1) = r(r)^r (r) (\frac{1}{r}) + -\frac{1}{r} (r)^r$$

$$\phi'(1) = 1r - 1 = \boxed{1}$$

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