

Sinner Silverstein

I have read and agree to the exam policies. I promise not to cheat on this exam.

10/30

$$\frac{11^4}{(0)_{(11)}^+} + c^x \frac{1c}{(0)_{(11)}^+} + c^x \frac{1c}{(0)_a^+} + c(0)_1^+ + (0)_1^+$$

$$x = 0 \quad | = 0 + 1$$

$$|x\rangle = |x\rangle + 2$$

$$f(x)^n = f(x) + 2$$

$$f'(x) = \frac{1}{x}$$

$$f''(x) = -x^{-2}$$

$$= -1$$

$$f'''(x) = 2x^3 - 2(1)^3 = 2$$

$$f^{(4)}(x) = -6x - 6(1)^4 = -6$$

$$0 + (1)x + \frac{(-1)}{2!}x^2 + \frac{(2!)}{3!}x^3 + \frac{(-6)}{4!}x^4$$

$$P_3 = X - \frac{X^2}{2} + \frac{X^3}{3} - \frac{X^4}{4}$$

$$3. \sin(x) = x - \frac{x^3}{3!} + \frac{x^5}{5!} - \frac{x^7}{7!}.$$

$$x = 3t$$

$$\sin(3t) = 3t - \frac{t^3}{3!} + \frac{t^5}{5!} - \frac{t^7}{7!} + \dots$$

$$+ \sin(\beta t) = 3t^2 - \frac{9t^4}{3!} + \frac{(3t)^5}{5!} - \frac{(3t)^7}{7!} + \frac{(3t)^8}{8!}$$

11/18/19 each year by +