AP follows AB
Monday, November 25, 2013
EFEH In here taday & temorrow..

$$f(x) = \sqrt{1-x^2}$$
Find f(X)

$$f(x) = (1-x^2)^{x_2}$$

$$f(x) = \frac{1}{\sqrt{1-x^2}}$$

$$\frac{1}{\sqrt{1-x^2}}$$

$$\frac{1}{$$

$$f(x) = 3x^{2} - 24x - 1 \quad [-1, 5]$$

$$f'(x) = 6x - 24$$

$$6x - 24 = 0$$

$$x = 4$$

$$x \mid f(x) = 3x^{2} - 24x - 1$$

$$f(x) = 3x^{2} - 24x - 1$$

$$f(x) = 3x^{2} - 24x - 1$$

$$f(x) = 3x^{2} - 24x - 1 = -46$$

$$f(x) = 3x^{2/3} - 2 = -46$$

$$f(x) = 3x^{2/3} - 2 = 0$$

$$x^{-1/3} = 1$$

$$\frac{1}{\sqrt{x}} = 1$$

(2)
$$h'(x) = \frac{x^2-2}{x}$$
 $x \neq 0$
(2) $h'(x) = \frac{x^2-2}{x}$ $x \neq 0$
(3) $h'(x) = 0$ $x = 0$ is still a
 $x^2 = 3 = 0$ $x = 0$ is still a
 $x = \pm \sqrt{2}$
(4) $x = \pm \sqrt{2}$
(5) $h'(x) = \frac{x^2}{2}$
(6) $h'(x) = \frac{x^2-2}{x}$
 $h''(x) = \frac{x^2-2}{x}$
 $h''(x) = \frac{x^2-2}{x}$
 $h''(x) = \frac{x^2-x^2+2}{x^2}$
 $h''(x) = \frac{x^2-x^2+2}{x^2}$
 $h''(x) = \frac{x^2-x^2+2}{x^2}$
 $h''(x) = 0$?
 $x^2 + 0 \Rightarrow x = 0$
 $f''(x): + + +$
 $f''(x) = x = 0$
 $f''(x): + + +$
 $h'(x) = x^2 + 2$
 $h'(x) = -3$ $h'(x) = \frac{x^2-2}{x}$
 $h'(x) = \frac{x^2-2}{x}$
 $h'(x) = -3$ $h'(x)$

d.
$$f(x) = \sin^2 x + \cos x$$
 $[0,2\pi]$
 $f(x) = 2\sin x \cdot \cos x - \sin x$
 $0 = 2\sin x \cdot \cos x - \sin x$
 $0 = 2\sin x \cdot \cos x - \sin x$
 $0 = 2\sin x \cdot \cos x - \sin x$
 $0 = 2\sin x - 1 \sin x$
 $2\cos x - 1 \sin x$
 $2\cos x - 1 = 0 \sin x = 0$
 $\cos x = 2$
 $0, 7t, 2^{2t}$
 $T = 5^{2t}$
 $T =$