Mid Assignment (set2) Answer & Now putting the value f(-10) = 81-21(-10) = 08 S(1) = 8-2.1 = 6 $f(10) = \sqrt{10-4} = \sqrt{6}$ Dom f = 7RRange $f = [0, \infty)$

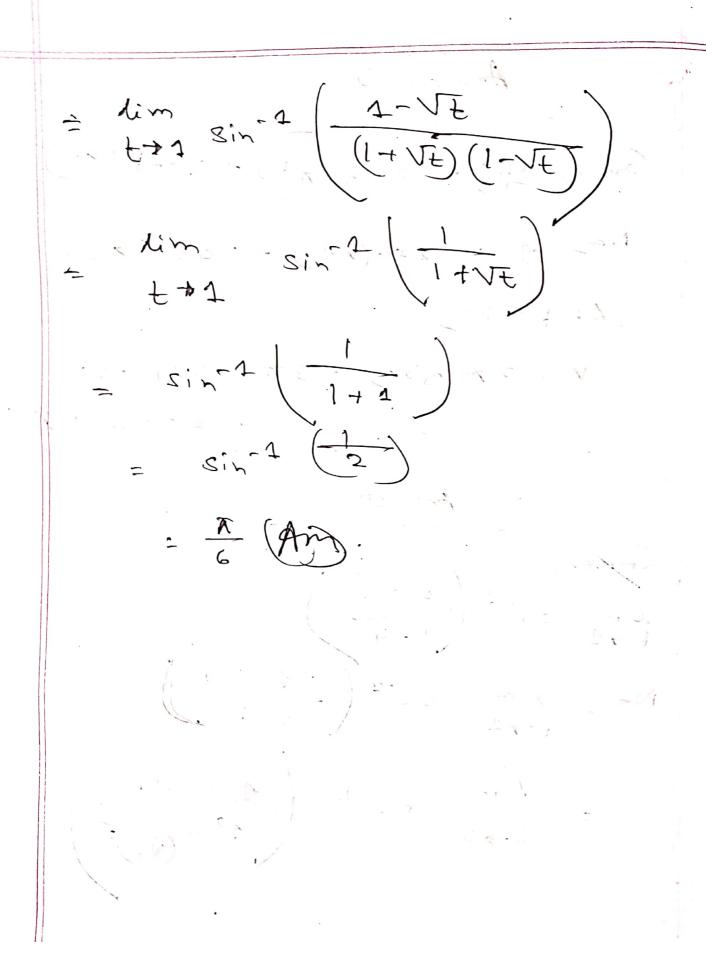
Now the graph of the function_

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Answer 2
Given
$$S(t) = 2\sin(\pi t) + 3\cos(\pi t)$$

No. $s(t) = 2\sin(\pi t) + 3\cos(\pi t)$
 $A + t = 2s$
 $V = 2\pi\cos(2\pi) - 3\pi\sin(2\pi) = 2\pi$
 $= 6.28 \text{ ms}^{-2}$ And

Giver, $\lim_{t \to 4} \sin^2 \left(\frac{1 - \sqrt{t}}{1 - t} \right)$ $\lim_{t \to 4} \sin^2 \left(\frac{1 - \sqrt{t}}{1 - t} \right)$ $\lim_{t \to 4} \sin^2 \left(\frac{1 - \sqrt{t}}{1 - t} \right)$ $\lim_{t \to 4} \sin^2 \left(\frac{1 - \sqrt{t}}{1 - t} \right)$ $\lim_{t \to 4} \sin^2 \left(\frac{1 - \sqrt{t}}{1 - t} \right)$



Answer to

We know Toulor series,
$$f(x) = f(x) + f'(x) +$$

Answer 5 (0)" + [NO2- - (V)"] = (21)-+2815te

$$\frac{dy}{dt} = \frac{2\cos t - 2\sin 2t}{2\cos t}$$

$$\frac{dy}{dt} = \frac{2\cos t - 4\sin t \cot t}{2\cos t}$$

$$\frac{2\cos t}{1 - 2\sin t}$$

$$\frac{2\cos t}{1 - 2\sin t}$$

$$\cos t + \cos t = 1 - 2\sin t$$

$$\frac{dy}{dt} = 0$$

$$\frac{$$