



$$f(x) = \sqrt{x}$$

فوی (۲، ۲) (۲، ۲)  $\sqrt{x+2}$

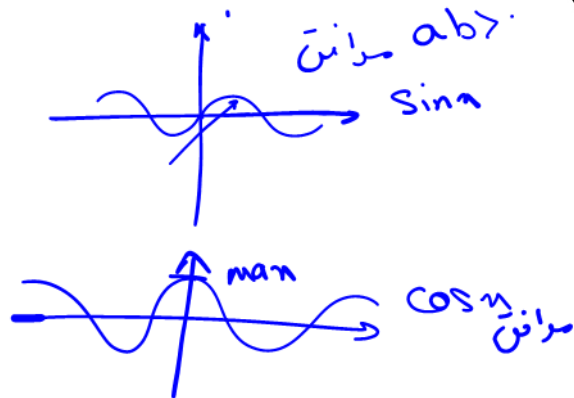
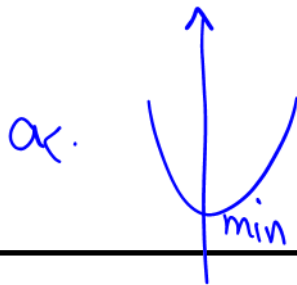
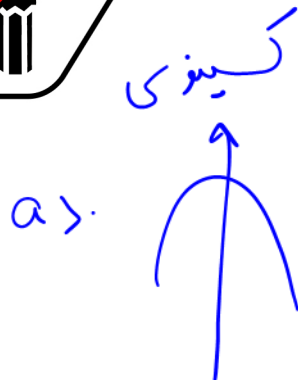
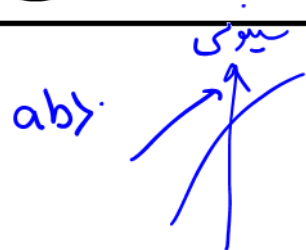
عرضی (۲، ۲) (۲، ۲)  $\sqrt{x} + 2$

عرضی (۲، ۲) (۲، ۲)  $\sqrt{x}$

فوی (۲، ۲) (۲، ۲)  $\sqrt{2x}$



$$r f\left(\frac{1-r_n}{v}\right) + \omega = r f\left(\frac{-r_{n+1}}{v}\right) + \omega$$



$$\begin{cases} y = a \sin(bn) + c \\ y = a \cos(bn) + c \end{cases}$$



$$\left\{ \begin{array}{l} y = a \sin bx + c \\ y = a \cos bx + c \end{array} \right.$$

$$\frac{\max + \min}{2} = C$$

$$\frac{\max - \min}{\gamma} \approx |a|$$

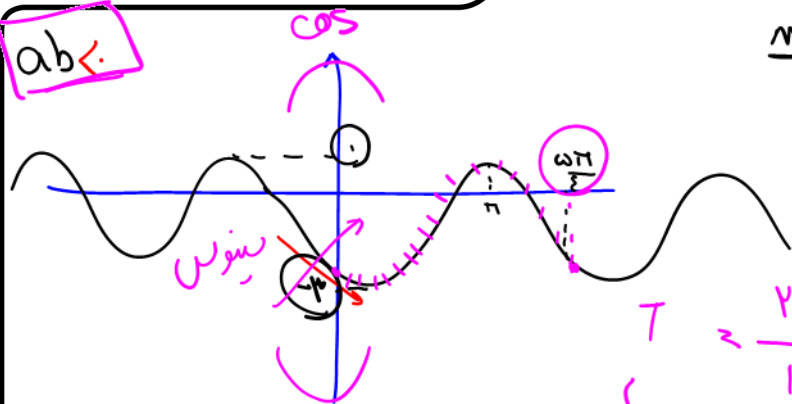
$$\frac{1 + (-3)}{4} = -\frac{1}{2}$$

$$\frac{1 - (-w)}{r} \approx 2 \approx |a|$$

$$a_2 \pm \gamma$$

$$T \approx \frac{\gamma \pi}{|b|} \approx \frac{\omega \pi}{\varepsilon} \rightarrow |b| \approx \frac{\Lambda}{\omega} \rightarrow b \approx \pm \frac{\Lambda}{\omega}$$

$$x_2 - y \sin\left(\frac{1}{\omega} a\right) + (-1) \left\{ \begin{array}{l} 1b) \\ c \end{array} \right. y_2 + y \sin\left(-\frac{1}{\omega} a\right) - 1$$





$$y \sin x \cos x = \sin^2 x$$

$$\cos^2 x - \sin^2 x = 1 - y \sin^2 x = y \cos^2 x - 1 = \cos^2 x$$

$$h \frac{x^2 - 14}{[x] - 4} = \frac{14 - 14}{\text{واحد} - 4} = \frac{0}{-3} = 0$$

$x \rightarrow 4$

$D = \mathbb{R} - [4, 5)$



$$\lim_{n \rightarrow \infty} \frac{[n - \varepsilon]}{n^2 - \varepsilon n} = \frac{[\varepsilon - \varepsilon]}{14 - 14} = \frac{0}{0} \quad \text{مطلوبه}$$

$[0, 1] = [\varepsilon - 1, \varepsilon]$  من

$$\lim_{n \rightarrow \infty} \frac{f(n)}{g(n)} = \frac{0}{0} \quad \text{مطلوبه} \xrightarrow{\text{HOP}} \lim_{n \rightarrow \infty} \frac{f'(n)}{g'(n)}$$



$$3 \tan x - \sqrt{3} = 0$$

$$\tan x = \frac{\sqrt{3}}{3} = \tan \frac{\pi}{9} \rightarrow x = K\pi + \frac{\pi}{9}$$









