

$$\text{a)} \lim_{n \rightarrow \infty} \left[\frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} \right]$$

$n \rightarrow \infty$

$$\text{a)} \rightarrow \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} = \frac{n^2}{n^2} + \frac{n^2}{n^2} - \frac{n^2}{n^2}$$

$$\text{b)} \rightarrow -1 \cdot \frac{n^2}{n^2} + 1 \cdot \frac{n^2}{n^2} = -1 \cdot \frac{n^2}{n^2} + 1 \cdot \frac{n^2}{n^2}$$

$$\text{c)} \rightarrow \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} = \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2}$$

$$[\varepsilon] = \frac{1}{n^2}$$

$$\text{b)} \lim_{n \rightarrow \infty} \left[\frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} \right]$$

$$\text{c)} \rightarrow -1 \cdot \frac{n^2}{n^2} + 1 \cdot \frac{n^2}{n^2} = -1 \cdot \frac{n^2}{n^2} + 1 \cdot \frac{n^2}{n^2}$$

$$\text{d)} \rightarrow \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} = \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2}$$

$$[\varepsilon] = \frac{1}{n^2}$$



$$\text{a)} \lim_{n \rightarrow \infty} \frac{n^2 - 1}{n^2 - 2} = \frac{1 - 1}{\varepsilon - \varepsilon} = \frac{0}{0} \rightarrow \frac{0}{0}$$

$$\text{b)} \rightarrow \frac{n^2 - 1}{n^2 - 2} = \frac{(n-1)(n+1)}{(n-2)(n+2)} = \frac{n^2 - 1}{n^2 - 2}$$

$$\text{c)} \rightarrow \frac{n^2 - 1}{n^2 - 2} = \frac{(n-1)(n+1)}{(n-2)(n+2)} = \frac{n^2 - 1}{n^2 - 2}$$

$$\text{b)} \lim_{n \rightarrow \infty} \frac{\sin n}{n} = \frac{0}{\infty}$$

$$\text{c)} \rightarrow \frac{\sin n}{n} = \frac{0}{\infty} = \frac{0}{\infty}$$

$$\text{d)} \rightarrow \frac{\sin n}{n} = \frac{0}{\infty} = \frac{0}{\infty}$$

$$\text{a)} \lim_{n \rightarrow \infty} \sqrt{\cos n} = \sqrt{0}$$

$$\text{b)} \rightarrow \frac{n^2}{n^2} = \frac{n^2}{n^2}$$

$$\text{c)} \rightarrow \frac{n^2}{n^2} = \frac{n^2}{n^2}$$

$$\text{d)} \rightarrow \frac{n^2}{n^2} = \frac{n^2}{n^2}$$

$$\text{b)} \lim_{n \rightarrow \infty} \sqrt{n - \sqrt{n}} = \sqrt{\infty - \sqrt{\infty}}$$

$$\text{c)} \rightarrow \sqrt{n - \sqrt{n}} = \sqrt{n - \sqrt{n}}$$

$$\text{d)} \rightarrow \sqrt{n - \sqrt{n}} = \sqrt{n - \sqrt{n}}$$

$$\text{e)} \rightarrow \sqrt{n - \sqrt{n}} = \sqrt{n - \sqrt{n}}$$

$$\text{a)} \lim_{n \rightarrow \infty} \frac{[1] \sin n}{n^2 - n^2}$$

$$\text{b)} \rightarrow \frac{[1] \sin n}{n^2 - n^2} = \frac{[1] \sin n}{n^2 - n^2}$$

$$\text{c)} \rightarrow \frac{[1] \sin n}{n^2 - n^2} = \frac{[1] \sin n}{n^2 - n^2}$$

$$\text{d)} \rightarrow \frac{[1] \sin n}{n^2 - n^2} = \frac{[1] \sin n}{n^2 - n^2}$$

$$\text{b)} \lim_{n \rightarrow \infty} \frac{n^2 - [n^2]}{n - [n]}$$

$$\text{c)} \rightarrow \frac{n^2 - [n^2]}{n - [n]} = \frac{n^2 - [n^2]}{n - [n]}$$

$$\text{d)} \rightarrow \frac{n^2 - [n^2]}{n - [n]} = \frac{n^2 - [n^2]}{n - [n]}$$

$$\text{e)} \rightarrow \frac{n^2 - [n^2]}{n - [n]} = \frac{n^2 - [n^2]}{n - [n]}$$

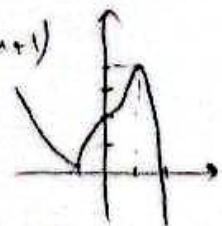
$$\text{a)} y = \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2}$$

$$\text{b)} \rightarrow -1 \cdot \frac{n^2}{n^2} + 1 \cdot \frac{n^2}{n^2} = -1 \cdot \frac{n^2}{n^2} + 1 \cdot \frac{n^2}{n^2}$$

$$\text{c)} \rightarrow \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} = \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2}$$

$$\text{d)} \rightarrow \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} = \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2}$$

$$\text{e)} \rightarrow \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} = \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2}$$



$$\text{b)} y = \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2}$$

$$\text{c)} \rightarrow \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} = \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2}$$

$$\text{d)} \rightarrow \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} = \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2}$$

$$\text{e)} \rightarrow \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} = \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2}$$

$$\text{f)} \rightarrow \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2} = \frac{n^2}{n^2} - \frac{n^2}{n^2} + \frac{n^2}{n^2}$$

