

C12 - 1.2 - Limits Equations Conj/LCD WS

Find the Limits

$$\lim_{x \rightarrow 16} \frac{\sqrt{x} - 4}{x - 16}$$

$$\lim_{x \rightarrow 6} \frac{\sqrt{x+3} - 3}{x - 6}$$

$$\lim_{x \rightarrow 0} \frac{\frac{1}{x+2} - \frac{1}{2}}{x} \quad LCD = 2(x+2)$$

$$\lim_{x \rightarrow 0} \frac{\frac{1}{(x+2)^2} - \frac{1}{4}}{x}$$

$$\lim_{x \rightarrow 4} \frac{\frac{1}{\sqrt{x}} - \frac{1}{2}}{x - 4}$$

$$\lim_{x \rightarrow 16} \frac{x - 16}{4 - \sqrt{x}}$$