$$\lim_{x \to 4} \frac{x-2}{x}$$

Direct substitution $x = 4$

$$\lim_{x \to 4} \frac{x-2}{x} = \frac{4-2}{4}$$

$$= \frac{2}{4}$$

$$= \frac{1}{2} \text{ or } 0.5$$

Therefore

$$\lim_{x \to 4} \frac{x-2}{x} = \frac{1}{2}$$