$$\lim_{x \to 0} \frac{1}{x^2 + 3}$$

$$\lim_{x \to -3} x^2 - 2x$$

$$\lim_{t \to \pi} \frac{5[\cos(3t)]^4}{\sin(t/2)}$$

$$\lim_{h \to 0} \frac{(4+h)^2 - 16}{h}$$

$$\lim_{h \to 1} \frac{h^3 - 1}{h - 1}$$

$$\lim_{h \to 0} \frac{(2+h)^2 - 4}{(3+h)^2 - 9}$$

$$\lim_{x \to 0} \frac{\sqrt{x+2} - \sqrt{2}}{x}$$

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

$$\lim_{h \to 0} \frac{\frac{1}{2+h} - \frac{1}{2}}{h}$$

$$\lim_{x \to 4} \frac{\sqrt{2x+1} - 3}{\sqrt{x-2} - \sqrt{2}}$$

$$\lim_{x \to -4} \frac{\sqrt{x^2+9}-5}{x+4}$$

$$\lim_{x \to 0} \frac{\sqrt{x^2+p^2}-p}{\sqrt{x^2+q^2}-q}$$

$$\lim_{x \to -1} \frac{x+1}{|x+1|}$$

$$\lim_{t \to 1} \frac{t^2-1}{|t-1|}$$

$$\lim_{x \to 1} \frac{1-x}{|x|-1}$$

$$\lim_{x \to 0} \frac{x-2}{x^2+2x-8}$$

$$\lim_{x \to 1} \frac{x^3+5x-6}{x^3-1}$$