

$$\textcircled{2} \quad \textcircled{4}$$

$$\textcircled{3} \quad \textcircled{K}$$

$$\textcircled{4} \quad \frac{2^2 - 4}{2 - 2} = \frac{0}{0} \quad \text{Factor} \quad \frac{(x+2)(x-2)}{x-2} \quad 2+2 = \textcircled{4}$$

$$\textcircled{5} \quad \frac{-6 + 6}{(-6)^2 - 36} = \frac{0}{0} \quad \text{Factor} \quad \frac{x+6}{(x+6)(x-6)} = \frac{1}{x-6} \quad \frac{1}{-6-6} = \textcircled{-\frac{1}{12}}$$

$$\textcircled{6} \quad \frac{x^3}{x^2} = x = \textcircled{\infty}$$

$$\textcircled{7} \quad \frac{4x^2 - 3x^2}{(5x^2) + 3x - 2} = \frac{-3x^2}{5x^2} = \textcircled{-\frac{3}{5}}$$

$$\textcircled{8} \quad \frac{(x-3)}{(x^3) - 27} = \frac{x}{x^3} = \frac{1}{x^2} = \frac{1}{\infty} = \textcircled{0}$$

$$\textcircled{9} \quad \sqrt[4]{16x^8} \quad \text{So} \quad \frac{2x^2}{x^3} = \frac{2}{x} = \frac{2}{\infty} = \textcircled{0}$$

$\sqrt[4]{16} \quad \sqrt[4]{x^8}$
 $2x^{8/4} \rightarrow 2x^2$