

$$\frac{0}{0}$$

LIMITE CE SE REZOLVĂ PRIN
AMPLIFICARE CU CONJUGAT
DE ORDIN III

Calculați:

$$1) \lim_{x \rightarrow 3} \frac{x-2}{\sqrt[3]{x^2+2x-2}}$$

$$2) \lim_{x \rightarrow 4} \frac{\sqrt[3]{x^2+11} - \sqrt[3]{2x^2-3x+7}}{x-4}$$

$$3) \lim_{x \rightarrow -1} \frac{\sqrt[3]{x+2} - 1}{\sqrt[3]{-2x-3} + 1}$$

$$4) \lim_{x \rightarrow 1} \frac{\sqrt[3]{5x+3} - 2}{\sqrt[3]{3x-2} - 1}$$

$$5) \lim_{x \rightarrow 0} \frac{\sqrt[3]{x+1} - 1}{\sqrt[3]{2x-1} + 1}$$

$$6) \lim_{x \rightarrow 2} \frac{\sqrt[3]{2x-5} + 1}{\sqrt[3]{3x+2} - \sqrt[3]{5x-2}}$$

$$7) \lim_{x \rightarrow -2} \frac{\sqrt[3]{2x-4} + 2}{\sqrt[3]{5+2x} - 1}$$