

ATIVIDADE PRÁTICA

Calcule os Limites:

$$01) \lim_{x \rightarrow -4} (5x + 2) =$$

Resp. - 18

$$02) \lim_{x \rightarrow -1} \frac{2x+1}{x^2-3x+4} =$$

Resp. - 1/8

$$03) \lim_{x \rightarrow 4} \sqrt[3]{\frac{x^2-3x+4}{2x^2-x-1}} =$$

Resp. 2/3

$$04) \lim_{x \rightarrow -3} \frac{x^3-7x+6}{x^2+2x-3} =$$

Resp. - 5

$$05) \lim_{x \rightarrow -1} \frac{x^3+4x^2+5x+2}{x^3-3x-2} =$$

Resp. - 1/3

$$06) \lim_{x \rightarrow 0} \frac{4x^3-2x^2+x}{3x^2+2x} =$$

Resp. 1/2

$$07) \lim_{x \rightarrow 2} \frac{x^2+3x-10}{3x^2-5x-2} =$$

Resp. 1

$$08) \lim_{x \rightarrow -2} \frac{x^3+x^2-8x-12}{2x^3+9x^2+12x+4} =$$

Resp. 5/3

$$09) \lim_{x \rightarrow -2} \frac{x^3+8}{x+2} =$$

Resp. 12

$$10) \lim_{x \rightarrow 4} \frac{3x^2-17x+20}{4x^2-25x+36} =$$

Resp. 1

$$11) \lim_{x \rightarrow 2} \frac{x^4-16}{8-x^3} =$$

Resp. - 8/3

$$12) \lim_{x \rightarrow 1} \frac{2x^3+x^2-4x+1}{x^3-3x^2+5x-3} =$$

Resp. 2

$$13) \lim_{x \rightarrow -1} \frac{x^3+3x^2-x-3}{x^3-x^2+2} =$$

Resp. - 4/5

$$14) \lim_{x \rightarrow 3} \frac{x^3-6x-9}{x^3-8x-3} =$$

Resp. 21/19

$$15) \lim_{x \rightarrow 1} \frac{x^3-3x^2+6x-4}{x^3-4x^2+8x-5} =$$

Resp. 1

$$16) \lim_{x \rightarrow 2} \frac{x^4-10x+4}{x^3-2x^2} =$$

Resp. 11/2

$$17) \lim_{x \rightarrow 1} \frac{x^3-3x+2}{x^4-4x+3} =$$

Resp. 1/2

$$18) \lim_{x \rightarrow -2} \frac{x^4+4x^3+x^2-12x-12}{2x^3+7x^2+4x-4} =$$

Resp. - 1/5

$$19) \lim_{x \rightarrow -1} \frac{x^4-x^3-x^2+5x+4}{x^3+4x^2+5x+2} =$$

Resp. 8

$$20) \lim_{x \rightarrow -2} \frac{x^4+2x^3-5x^2-12x-4}{2x^4+7x^3+2x^2-12x-8} =$$

Resp. 7/8

$$21) \lim_{x \rightarrow 1} \frac{1}{x-1} + \frac{x-5}{x^2+2x-3} =$$

Resp. 1/2

$$22) \lim_{x \rightarrow 0} \frac{2^{2x}-4 \cdot 2^x+3}{2^x-1} =$$

Resp. - 2

$$23) \lim_{x \rightarrow a} \frac{x^2-a^2}{x-a} =$$

Resp. 2a

$$24) \lim_{x \rightarrow -a} \frac{a^2-x^2}{a^3+x^3} =$$

Resp. 2/3a

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