1

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

2

$$\lim_{x \to 0} \left(x^2 + x + 2 \right) =$$

3

$$\lim_{x \to -2} \frac{4x^2 + 8x}{2x + 3} =$$

4

$$\lim_{x \to 2} f(x)$$

avec $f(x) = \begin{cases} 7x - 1 & ; \text{si} \quad x < 2 \\ x^2 + 8 & ; \text{si} \quad x \geq 2 \end{cases}$

2

$$\frac{4}{3}$$

$$\nexists$$

$$0$$

5

$$\lim_{x \to 1} \frac{(x-1)(x+1)}{x-1}$$

6

$$\lim_{x \to 4} \frac{-1-\sqrt{5-x}}{3+\sqrt{5+x}}$$

7

$$\lim_{x \to 0} \frac{x}{1+\sqrt{1-x^2}} =$$

8

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

$$-\frac{1}{3}$$ 2

2

0

stopàladiscriminationduzéro

9

$$\lim_{x \to 1} \frac{(x-1)(x+2)}{(2x+1)(x-1)}$$

10

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

11

$$\lim_{x \to 4} 12 =$$

12

$$\lim_{x \to 0} \left(x^2 - 1\right) =$$

$$\lim_{x \to 1} \frac{(x-1)(x+2)}{(2x+1)(x-1)} = 1$$

$$1$$

$$-1$$

$$12$$

13

$$\lim_{x \to \pi} \left(\frac{2}{\sqrt{15}} - 1 \right) =$$

14

$$\lim_{x \to 0} |x| =$$

15

$$\lim_{x \to 4} \frac{(x-4)(x-3)}{x-4}$$

16

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

0

$\frac{2}{\sqrt{15}} - 1$

3

1

17

$$\lim_{x \to -2} \frac{x^2 + 4x + 4}{x^2 + 5x + 6}$$

18

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

19

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

20

$$\lim_{x \to 0} f(x)$$

avec $f(x) = \begin{cases} 7x - 1 & ; \text{si} \quad x < 2 \\ x^2 + 8 & ; \text{si} \quad x \geq 2 \end{cases}$

2 0

-1 0