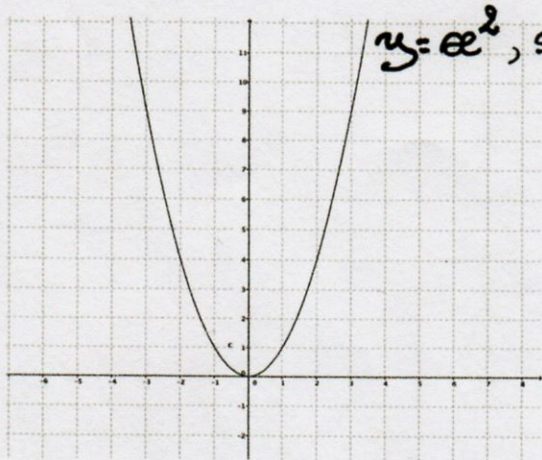
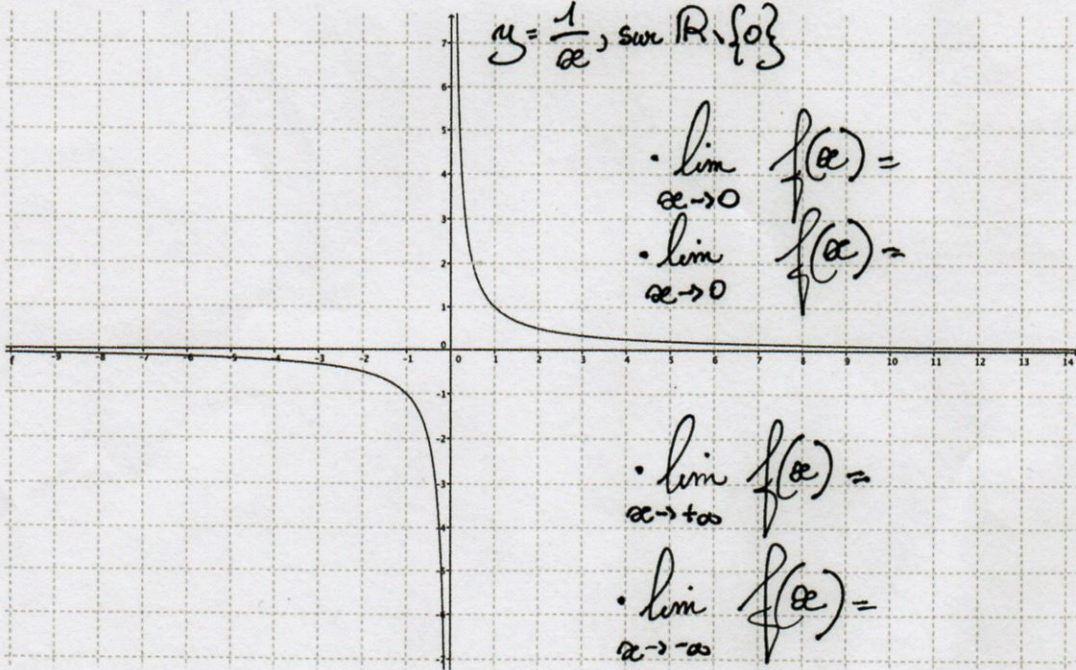


Limites de fonctions numériques à une variable



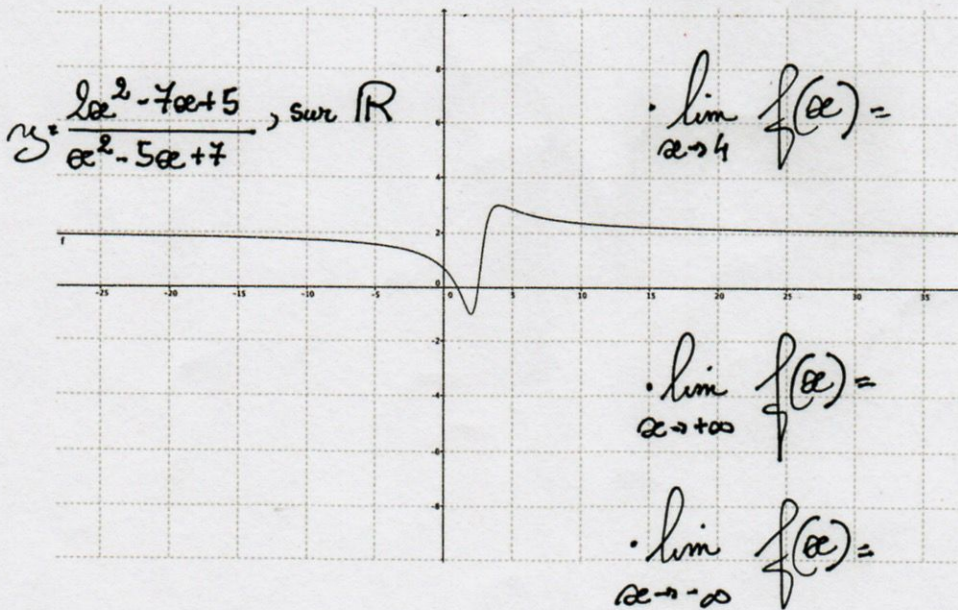
$y = x^2, \text{ sur } \mathbb{R}$

- $\lim_{x \rightarrow 0} f(x) =$
- $\lim_{x \rightarrow +\infty} f(x) =$
- $\lim_{x \rightarrow -\infty} f(x) =$



$y = \frac{1}{x}, \text{ sur } \mathbb{R} \setminus \{0\}$

- $\lim_{x \rightarrow 0} f(x) =$
- $\lim_{x \rightarrow 0} f(x) =$
- $\lim_{x \rightarrow +\infty} f(x) =$
- $\lim_{x \rightarrow -\infty} f(x) =$



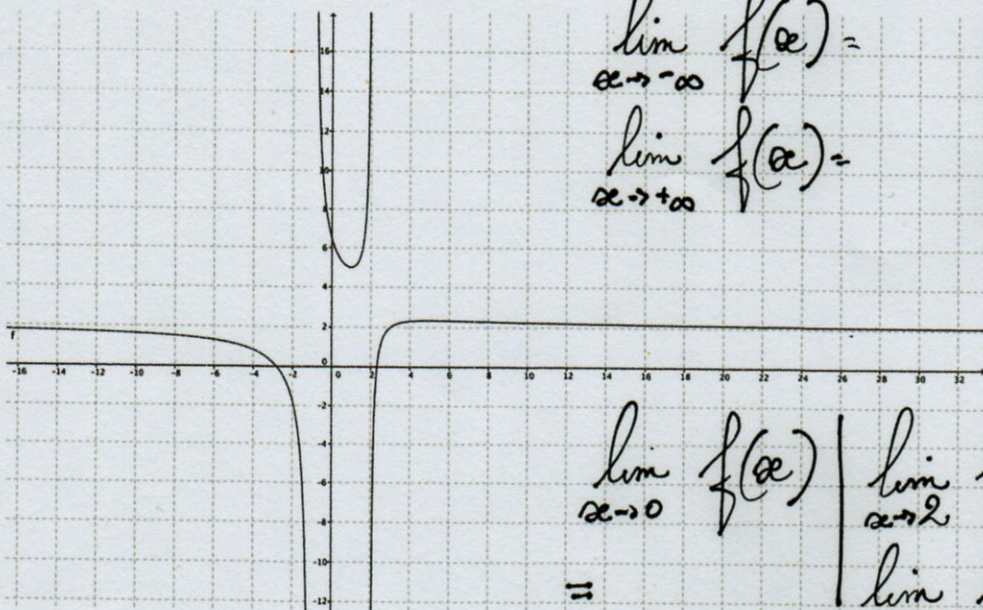
$y = \frac{x^2 - 7x + 5}{x^2 - 5x + 7}, \text{ sur } \mathbb{R}$

• $\lim_{x \rightarrow 4} f(x) =$

- $\lim_{x \rightarrow +\infty} f(x) =$
- $\lim_{x \rightarrow -\infty} f(x) =$

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$$y = \frac{2x^2 + x - 13}{x^2 - x - 2} \quad \text{sur } \mathbb{R} \setminus \{-1; 2\}$$



$$\lim_{x \rightarrow -\infty} f(x) =$$

$$\lim_{x \rightarrow +\infty} f(x) =$$

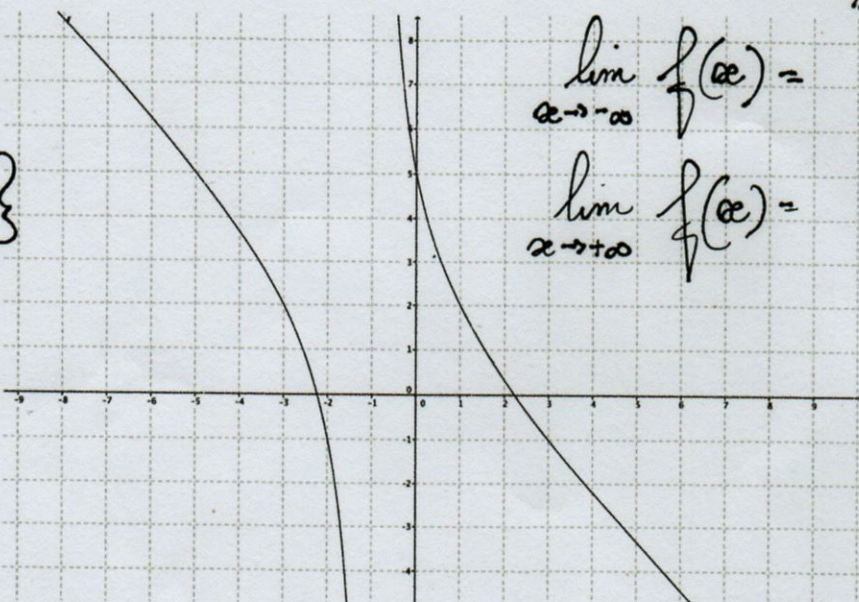
$$\lim_{x \rightarrow -1} f(x) =$$

$$\lim_{x \rightarrow 2} f(x) =$$

$$\lim_{x \rightarrow 0} f(x) \quad \lim_{x \rightarrow 2} f(x) =$$

$$= \quad \lim_{x \rightarrow 2} f(x) =$$

$$y = \frac{-x^2 + 5}{x - 1} \quad \text{sur } \mathbb{R} \setminus \{1\}$$



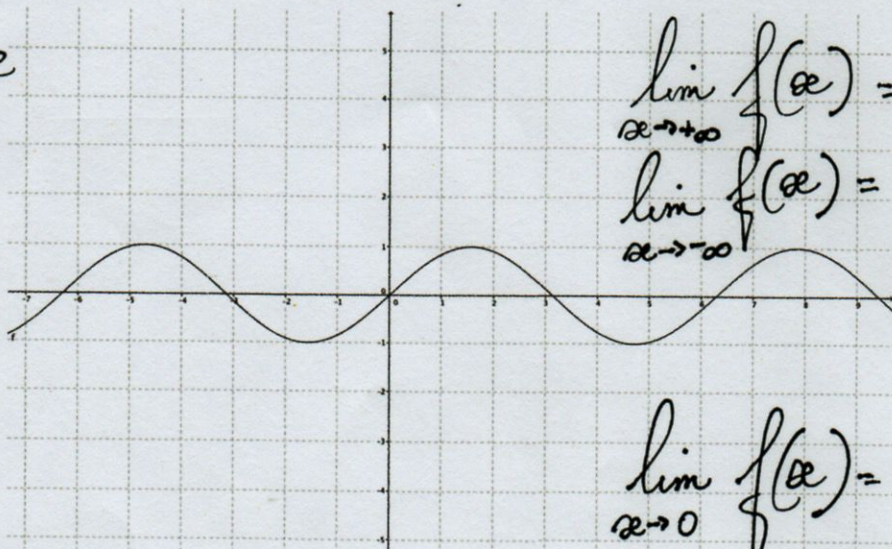
$$\lim_{x \rightarrow -\infty} f(x) =$$

$$\lim_{x \rightarrow +\infty} f(x) =$$

$$\lim_{x \rightarrow 1} f(x) =$$

$$\lim_{x \rightarrow 1} f(x) =$$

$$y = \sin x \quad \text{sur } \mathbb{R}$$



$$\lim_{x \rightarrow +\infty} f(x) =$$

$$\lim_{x \rightarrow -\infty} f(x) =$$

$$\lim_{x \rightarrow 0} f(x) =$$