

1)

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

2)

$$f(x) = x$$

$$f'(3) =$$

3)

$$f(x) = x^3$$

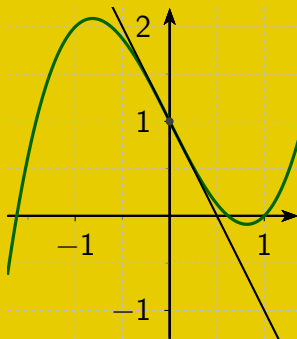
$$f'(2) =$$

4)

$$f(x) = \frac{1}{x}$$

$$f' \left(\frac{1}{2} \right) =$$

5)



Déterminer graphiquement $f'(0)$

1)

$$f(x) = 5x^2 + 3$$

$$f'(x) =$$

2)

$$f(x) = \frac{x^3}{3} + \frac{x^2}{2} - x$$

$$f'(x) =$$

3)

$$f(x) = -x^2 + x$$

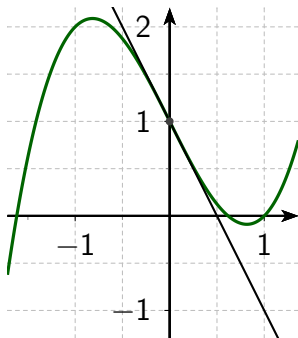
$$f'(0)$$

4)

$$f(x) = \frac{2}{x}$$

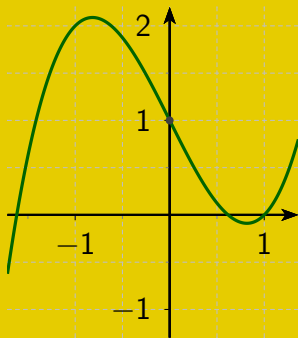
Quelle est l'équation de la tangente à C_f au point d'abscisse 1 ?

5)



Déterminer graphiquement $f'(0)$

6)



Résoudre $f'(x) = 0$

CORRECTION

1)

$$f(x) = -3x^2 + 3x$$

$$f'(0) =$$

2)

$$f(x) = \frac{1}{2x}$$

$$f'(x) =$$

3)

$$f(x) = (x + 1)\sqrt{x}$$

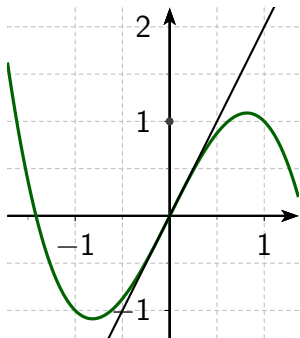
$$f'(x) =$$

4)

$$f(x) = x^3$$

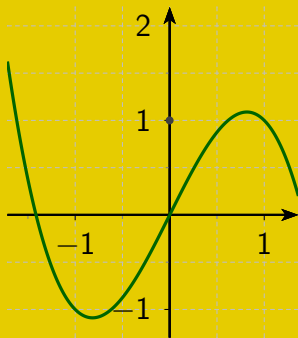
Quelle est l'équation de la tangente à \mathcal{C}_f au point d'abscisse -1 ?

5)



Déterminer graphiquement $f'(0)$

6)



Résoudre $f'(x) = 0$