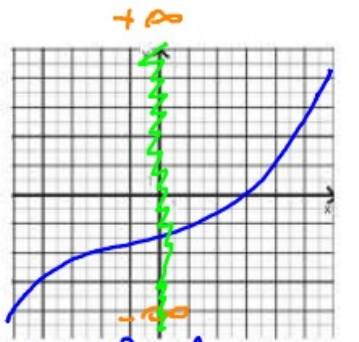


Révisions sur les fonctions (chapitre 6)

1) Théorie

- a) Définition d'une fonction !!!!
- b) Domaine et ensemble-image

Exemples



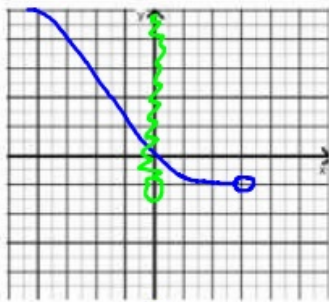
$$\text{dom } f : \mathbb{R}$$

$$\text{im } f :]-\infty; +\infty[$$



$$\text{dom } f : [-8; +\infty[$$

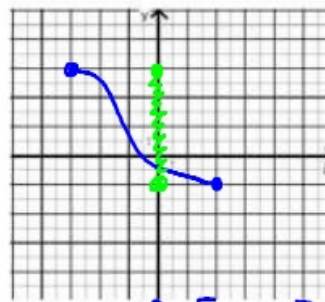
$$\text{im } f :]-\infty; 8]$$



$$\text{dom } f :]-\infty; 6]$$

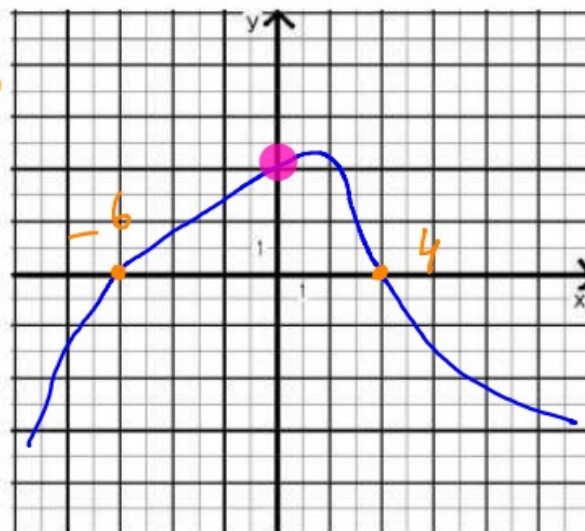
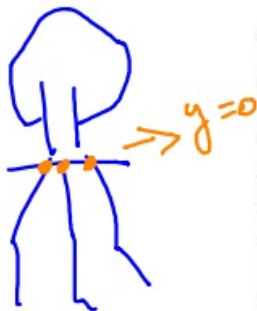
$$\text{im } f :]-2; +\infty[$$

c) Racines et Ordonnées à l'origine



$$\text{dom } f : [-6; 4]$$

$$\text{im } f : [-2; 6]$$



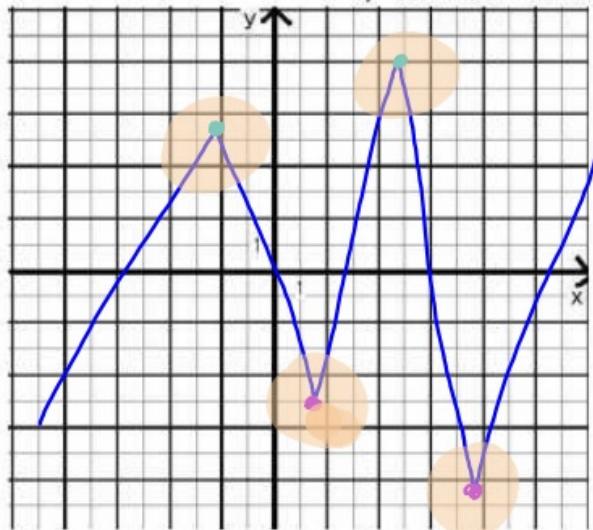
$$(-6; 0)(4; 0)$$

$$\text{racines: } -6; 4$$

$$00: 4$$

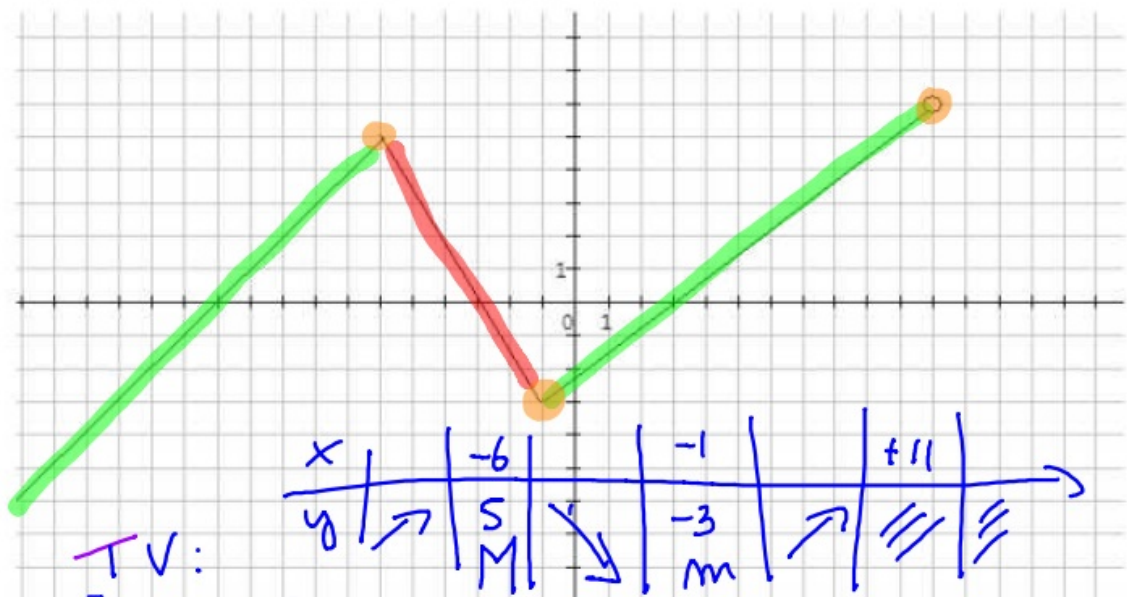
$$(0; 4)$$

d) Maximum et minimum



Maximum
minimum

2) Application : Analyse complète d'un graphique



TV: $\text{Domf} =]-\infty; 11[$ $\text{imf} = -\infty; 6[$ Racines: $-11; -3; 3$ OO: $-2, 2$

TS

x	-11	-3	3	11					
y	-	0	+	0	-	0	+	///	///

TV

3) Problèmes : Lecture de graphiques dans un contexte concret