

$$2x^2 + 6x + c = 0$$

$f(x)$

0.0.

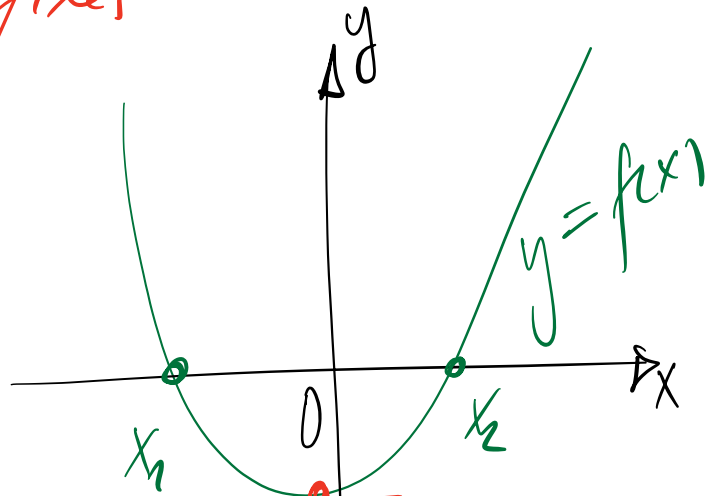
$2, b, c$ nombres fixes

x inconnue

$$\Delta = b^2 - 4ac$$

$$x_1 = \frac{-b + \sqrt{\Delta}}{2a}$$

$$x_2 = \frac{-b - \sqrt{\Delta}}{2a}$$



Tracer le graphe

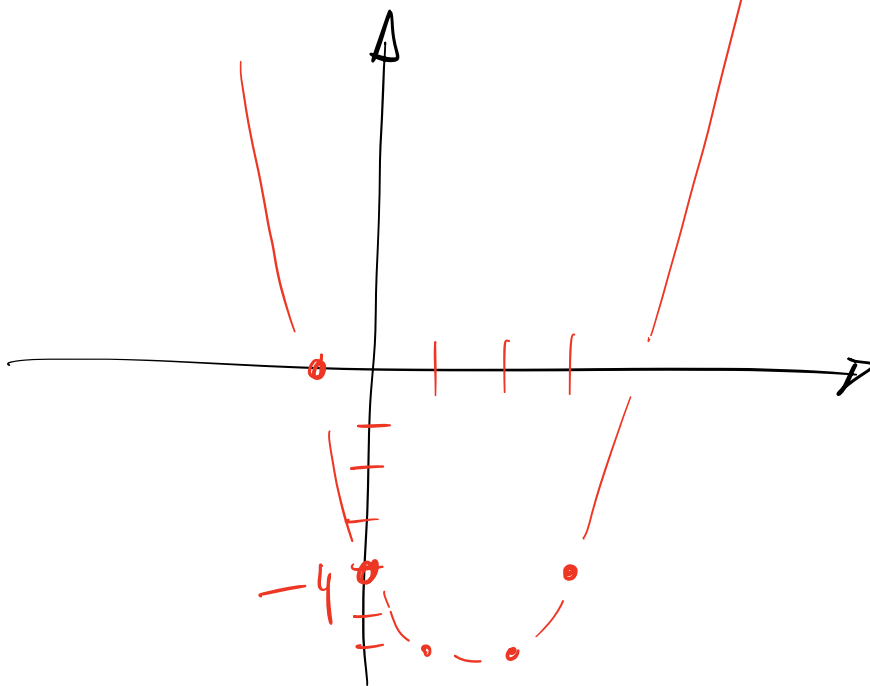
$$f(x) = x^2 - 3x - 4$$

$$\begin{aligned} f(-3) &= (-3)^2 - 3(-3) - 4 \\ &= 9 + 9 - 4 = 14 \end{aligned}$$

x	f(x)
-3	14
-2	6
-1	0
0	-4
1	-6
2	-6
3	-4

$$1^2 - 3 - 4 = 1 - 7 = -6$$

$$2^2 - 6 - 4 = -6$$



(2.1)

x	$2x^2 - 4x - 16$
-3	$18 + 12 - 16 = 14$
-2	$8 + 8 - 16 = 0$
-1	$2 + 4 - 16 = -10$
0	-16
1	$2 - 4 - 16 = -18$
2	$-8 - 16 = -24$
3	$18 - 12 - 16 = -10$

