

Fréamhacha Cearnacha

An tIdirdealaí
 $b^2 - 4ac$

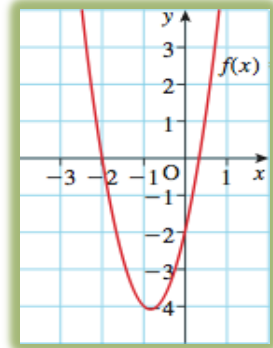
$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Fréamhacha réadacha
ar leith

$$b^2 - 4ac > 0$$

Dhá fhréamh ar leith

$$3x^2 + 5x - 2 = 0$$

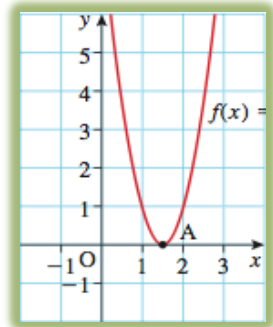


Fréamhacha réadacha
cothroma

$$b^2 - 4ac = 0$$

Fréamh amháin - athfhréamh

$$4x^2 - 12x + 9 = 0$$

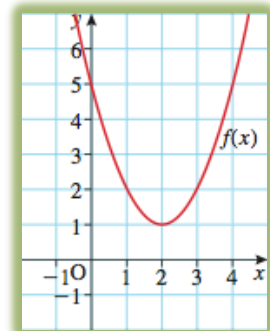


Fréamhacha samhailteacha

$$b^2 - 4ac < 0$$

Níl aon fhréamh réadach ann

$$x^2 - 4x + 5 = 0$$



Fréamhacha cóimheasta

$$b^2 - 4ac = \text{Slánchearnóg}$$

Fréamhacha cóimheasta

$$3x^2 + 5x + 2 = 0$$

