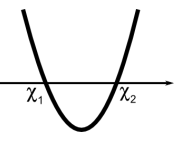
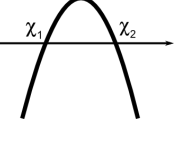
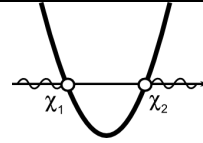
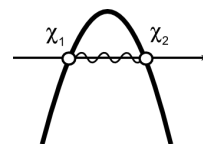
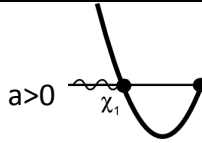
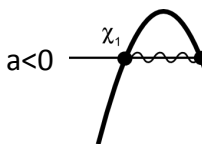
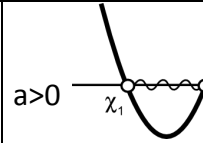
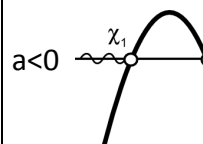
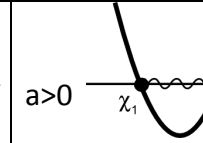
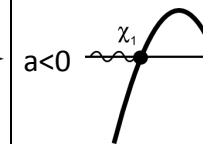
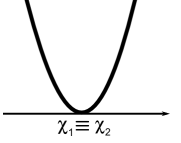
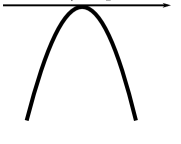
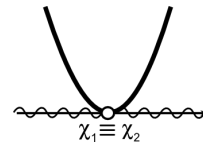
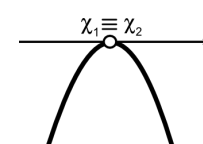
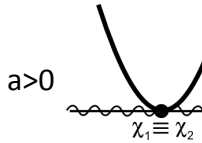
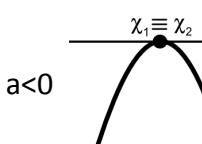
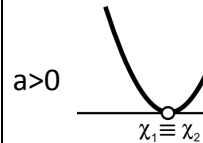
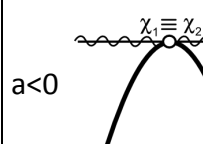
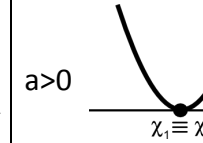
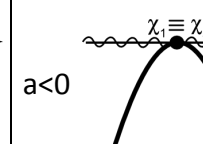
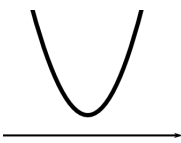

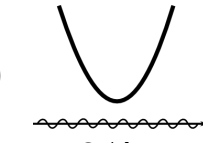
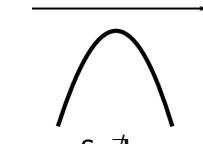
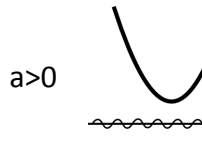
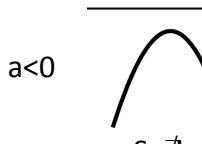
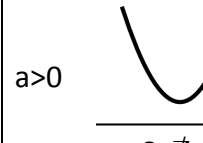
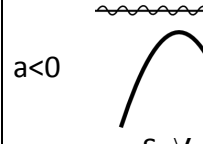
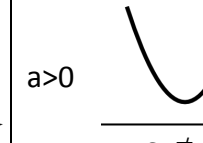
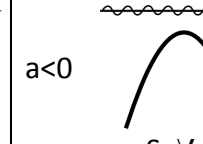


$ax^2 + bx + c$

	Scomposizione	Equazione $ax^2 + bx + c = 0$	Parabola	Disuguaglianza $ax^2 + bx + c > 0$	Disuguaglianza $ax^2 + bx + c \geq 0$	Disuguaglianza $ax^2 + bx + c < 0$	Disuguaglianza $ax^2 + bx + c \leq 0$
$\Delta > 0$	$a(x-x_1)(x-x_2)$	2 sol. distinte $x_{1,2} = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$	$a > 0$  $a < 0$  secante	$a > 0$  $S: x < x_1 \vee x > x_2$ $a < 0$  $S: x_1 < x < x_2$	$a > 0$  $S: x \leq x_1 \vee x \geq x_2$ $a < 0$  $S: x_1 \leq x \leq x_2$	$a > 0$  $S: x_1 < x < x_2$ $a < 0$  $S: x < x_1 \vee x > x_2$	$a > 0$  $S: x_1 \leq x \leq x_2$ $a < 0$  $S: x \leq x_1 \vee x \geq x_2$
Concordanza \Rightarrow Valori esterni / Discordanza \Rightarrow Valori interni							
$\Delta = 0$	$a(x-x_1)^2$ È un quadrato	2 sol. coinc. $x_{1,2} = -\frac{b}{2a}$	$a > 0$  $a < 0$  tangente	$a > 0$  $S: \forall x \neq x_1$ $a < 0$  $S: \nexists x$	$a > 0$  $S: \forall x$ $a < 0$  $S: x = x_1$	$a > 0$  $S: \nexists x$ $a < 0$  $S: \forall x \neq x_1$	$a > 0$  $S: x = x_1$ $a < 0$  $S: \forall x$
$\Delta < 0$	Non si scompone	Nessuna soluzione (impossibile)	$a > 0$  $a < 0$  esterna	$a > 0$  $S: \forall x$ $a < 0$  $S: \nexists x$	$a > 0$  $S: \forall x$ $a < 0$  $S: \nexists x$	$a > 0$  $S: \nexists x$ $a < 0$  $S: \forall x$	$a > 0$  $S: \nexists x$ $a < 0$  $S: \forall x$
Concordanza $\Rightarrow S = \mathbb{R}$ / Discordanza $\Rightarrow S = \emptyset$							