

Sign Patterns of Trinomials of the form: $ax^2 + bx + c$, When a is always positive

$ax^2 + bx + c$	If ac and b is positive, then both numbers are positive.
$ax^2 - bx + c$	If ac is positive but b is negative, then both numbers are negative.
$ax^2 + bx - c$	If ac is negative but b is positive, then opposite signs where the larger is positive.
$ax^2 - bx - c$	If ac and b is negative, then opposite signs where the larger is negative.