Factor Quadratics (a = 1, b > 0, c < 0)

Factor each completely.

$k^2 + 5k - 24$

$y^2 + y - 72$

$w^2 + 6w - 27$

$x^2 + x - 12$

$h^2 + 3h - 54$

$m^2 + m - 72$

$k^2 + k - 42$

$s^2 + 3s - 40$

Factor Quadratics (a = 1, b > 0, c < 0)

Factor each completely.

$k^2 + 5k - 24$
$= (k + 8)(k - 3)$

$y^2 + y - 72$
$= (y - 8)(y + 9)$

$w^2 + 6w - 27$
$= (w + 9)(w - 3)$

$x^2 + x - 12$
$= (x - 3)(x + 4)$

$h^2 + 3h - 54$
$= (h + 9)(h - 6)$

$m^2 + m - 72$
$= (m + 9)(m - 8)$

$k^2 + k - 42$
$= (k - 6)(k + 7)$

$s^2 + 3s - 40$
$= (s + 8)(s - 5)$