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

Factor each completely.

$k^2 + 11k + 24$

$y^2 + 17y + 72$

$w^2 + 12w + 27$

$x^2 + 7x + 12$

$h^2 + 15h + 54$

$m^2 + 17m + 72$

$k^2 + 13k + 42$

$s^2 + 13s + 40$

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

Factor each completely.

$k^2+11k+24$
$=(k+8)(k+3)$

$y^2+17y+72$
$=(y+8)(y+9)$

$w^2+12w+27$
$=(w+9)(w+3)$

$x^2+7x+12$
$=(x+3)(x+4)$

$h^2+15h+54$
$=(h+9)(h+6)$

$m^2+17m+72$
$=(m+9)(m+8)$

$k^2+13k+42$
$=(k+6)(k+7)$

$s^2+13s+40$
$=(s+8)(s+5)$