

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

Factor each completely.

$$\begin{aligned} k^2 - 11k + 24 \\ = (k - 8)(k - 3) \end{aligned}$$

$$\begin{aligned} y^2 - 17y + 72 \\ = (y - 8)(y - 9) \end{aligned}$$

$$\begin{aligned} w^2 - 12w + 27 \\ = (w - 9)(w - 3) \end{aligned}$$

$$\begin{aligned} x^2 - 7x + 12 \\ = (x - 3)(x - 4) \end{aligned}$$

$$\begin{aligned} h^2 - 15h + 54 \\ = (h - 9)(h - 6) \end{aligned}$$

$$\begin{aligned} m^2 - 17m + 72 \\ = (m - 9)(m - 8) \end{aligned}$$

$$\begin{aligned} k^2 - 13k + 42 \\ = (k - 6)(k - 7) \end{aligned}$$

$$\begin{aligned} s^2 - 13s + 40 \\ = (s - 8)(s - 5) \end{aligned}$$

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$$s^2 - 13s + 40$$