

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

Factor each completely.

$$3p^2 - 8p + 5$$

$$7a^2 - 53a + 28$$

$$3n^2 - 8n + 4$$

$$4n^2 - 25n + 25$$

$$2v^2 - 11v + 5$$

$$6x^2 - 35x + 49$$

$$5n^2 - 11n + 2$$

$$6a^2 - 25a + 25$$

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

Factor each completely.

$$\begin{aligned} 3p^2 - 8p + 5 \\ = (3p - 5)(p - 1) \end{aligned}$$

$$\begin{aligned} 3n^2 - 8n + 4 \\ = (3n - 2)(n - 2) \end{aligned}$$

$$\begin{aligned} 2v^2 - 11v + 5 \\ = (2v - 1)(v - 5) \end{aligned}$$

$$\begin{aligned} 5n^2 - 11n + 2 \\ = (5n - 1)(n - 2) \end{aligned}$$

$$\begin{aligned} 7a^2 - 53a + 28 \\ = (7a - 4)(a - 7) \end{aligned}$$

$$\begin{aligned} 4n^2 - 25n + 25 \\ = (n - 5)(4n - 5) \end{aligned}$$

$$\begin{aligned} 6x^2 - 35x + 49 \\ = (3x - 7)(2x - 7) \end{aligned}$$

$$\begin{aligned} 6a^2 - 25a + 25 \\ = (2a - 5)(3a - 5) \end{aligned}$$