

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

Factor each completely.

$$3p^2 - 2p - 5$$

$$7a^2 - 45a - 28$$

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

$$4n^2 - 15n - 25$$

$$2v^2 - 9v - 5$$

$$6x^2 - 7x - 49$$

$$5n^2 - 9n - 2$$

$$6a^2 - 5a - 25$$

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

Factor each completely.

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

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

$$\begin{aligned} 2v^2 - 9v - 5 \\ = (2v + 1)(v - 5) \end{aligned}$$

$$\begin{aligned} 5n^2 - 9n - 2 \\ = (5n + 1)(n - 2) \end{aligned}$$

$$\begin{aligned} 7a^2 - 45a - 28 \\ = (7a + 4)(a - 7) \end{aligned}$$

$$\begin{aligned} 4n^2 - 15n - 25 \\ = (n - 5)(4n + 5) \end{aligned}$$

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

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