

Factor Quadratics ($a > 1$)

Factor each completely.

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

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

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

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

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

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

$$15n^2 - 27n - 6$$

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

Factor Quadratics (a > 1)

Factor each completely.

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

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

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

$$\begin{aligned} 15n^2 - 27n - 6 \\ = 3(5n + 1)(n - 2) \end{aligned}$$

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

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

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

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