

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

Factor each completely.

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

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

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

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

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

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

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

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

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

Factor each completely.

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

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

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

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

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

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

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

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