

Factor basic trinomials

$$k^2 + k - 42$$

$$6x^2 - 12x - 18$$

Factor basic trinomials

$$k^2 + k - 42 = \boxed{(k+7)(k-6)}$$

$$\begin{array}{r} \cancel{7} \quad \cancel{-42} \\ \times \quad \cancel{-6} \\ \hline \cancel{1} \end{array}$$

$$6x^2 - 12x - 18 = \boxed{6(x-3)(x+1)}$$

$$6(x^2 - 2x - 3)$$

$$\begin{array}{r} \cancel{-3} \\ \cancel{-3} \times \cancel{1} \\ \hline \cancel{-2} \end{array}$$