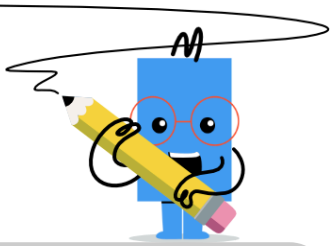
Name

Factor the Quadratic Equation with Coefficient - Standard Form To Split X Terms



1 Split the 'p' terms into terms that add to the middle coefficient and multiply to (first * last) coefficients

$24p^2 + 25p + 6$

A $24p^2 + 9p + 16p + 6$

B $24p^2 + 9p + 6p + 16$

2 Split the 't' terms into terms that add to the middle coefficient and multiply to (first * last) coefficients

$3t^2 + 17t + 10$

A $3t^2 + 15t + 2t + 10$

B $3t^2 - 15t - 2t + 10$

3 Split the 'm' terms into terms that add to the middle coefficient and multiply to (first * last) coefficients

$9m^2 + 30m + 16$

A $9m^2 + 6m + 24m + 16$

B $6m^2 + 9m + 24m + 16$

4 Split the 'm' terms into terms that add to the middle coefficient and multiply to (first * last) coefficients

$6m^2 + 29m + 28$

A $6m^2 + 8m + 21m + 28$

B $6m^2 - 8m + 21m + 28$

5 Split the 'r' terms into terms that add to the middle coefficient and multiply to (first * last) coefficients

$2r^2 + 13r + 21$

A $2r^2 + 6r + 7r + 21$

B $2r^2 + 6r + 21r + 7$

6 Split the 'q' terms into terms that add to the middle coefficient and multiply to (first * last) coefficients

$2q^2 + 17q + 35$

A $2q^2 + 10q + 7q + 35$

B $10q^2 + 2q + 7q + 35$

7 Split the 'm' terms into terms that add to the middle coefficient and multiply to (first * last) coefficients

$5m^2 + 14m + 8$

A $5m^2 + 10m + 8m + 4$

B $5m^2 + 10m + 4m + 8$

8 Split the 'y' terms into terms that add to the middle coefficient and multiply to (first * last) coefficients

$12y^2 + 28y + 15$

A $12y^2 + 18y + 10y + 15$

B $12y^2 - 18y + 10y + 15$