



Factor the Quadratic Equation with Coefficient - Standard Form (With Common Factor) To Answer

1

Remove a common factor and factor this quadratic

$$5t^2 + 35t - 90$$

A $5(t - 9)(t + 2)$

B $5(t + 9)(t - 2)$

Remove a common factor and factor this quadratic

$$7n^2 + 14n - 56$$

A $7(n + 4)(n - 2)$

B $7(n - 4)(n + 2)$

3

Remove a common factor and factor this quadratic

$$7r^2 - 63r + 140$$

A $7(r + 4)(r - 43)$

B $7(r - 4)(r - 5)$

4

Remove a common factor and factor this quadratic

$$6m^2 + 54m + 120$$

A $6(m + 4)(m + 5)$

B $6(m + 4)(m + 58)$

5

Remove a common factor and factor this quadratic

$$6x^2 + 42x + 60$$

A $6(x + 60)(x - 40)$

B $6(x + 2)(x + 5)$

6

Remove a common factor and factor this quadratic

$$4r^2 - 44r + 72$$

A $4(r + 72)(r - 62)$

B $4(r - 9)(r - 2)$

7

Remove a common factor and factor this quadratic

$$4t^2 - 24t - 108$$

A $4(t + 3)(t - 9)$

B $4(t - 3)(t + 9)$

8

Remove a common factor and factor this quadratic

$$3y^2 + 27y + 54$$

A $3(y + 6)(y + 3)$

B $3(y + 54)(y + 3)$