



## Factor the Quadratic Equation with Coefficient - Common Factor Removed

To Answer

1 Factor the quadratic now that the common factor has been removed  $6(p^2 - 7p + 10)$

A  $6(p - 2)(p - 5)$

B  $6(p + 60)(p - 10)$

2 Factor the quadratic now that the common factor has been removed  $7(z^2 - 4z - 21)$

A  $7(z + 147)(z - 21)$

B  $7(z + 3)(z - 7)$

3 Factor the quadratic now that the common factor has been removed  $2x^2 - 24x + 70$

A  $2(x - 7)(x + 5)$

B  $2(x - 7)(x - 5)$

4 Factor the quadratic now that the common factor has been removed  $6(q^2 - 5q + 6)$

A  $6(q + 3)(q - 6)$

B  $6(q - 3)(q - 2)$

5 Factor the quadratic now that the common factor has been removed  $2(n^2 - 5n - 14)$

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

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

6 Factor the quadratic now that the common factor has been removed  $2w^2 + 4w - 126$

A  $2(w + 126)(w - 68)$

B  $2(w + 9)(w - 7)$

7 Factor the quadratic now that the common factor has been removed  $6p^2 - 48p + 72$

A  $6(p - 6)(p - 2)$

B  $6(p + 6)(p - 48)$

8 Factor the quadratic now that the common factor has been removed  $5r^2 + 5r - 100$

A  $5(r + 5)(r - 4)$

B  $5(r + 100)(r - 60)$