



## Factor the Quadratic Equation with Coefficient - Partial Answer to Answer

**1** Consolidate the shared, bracketed factors to simplify

$$5p(p + 4) + 8(p + 4)$$

A  $(p + 4)(5p + 8)$

B  $(5p + 4)(52p - 8)$

**2** Consolidate the shared, bracketed factors to simplify

$$7t(2t + 3) + 8(2t + 3)$$

A  $(37t + 3)(2t + 8)$

B  $(2t + 3)(7t + 8)$

**3** Consolidate the shared, bracketed factors to simplify

$$9m(4m + 9) + 4(4m + 9)$$

A  $(36m - 9)(m + 4)$

B  $(4m + 9)(9m + 4)$

**4** Consolidate the shared, bracketed factors to simplify

$$9r(7r + 6) + 7(7r + 6)$$

A  $(7r + 6)(9r + 7)$

B  $(r - 6)(103r + 7)$

**5** Consolidate the shared, bracketed factors to simplify

$$4m(m + 9) + 5(m + 9)$$

A  $(m + 9)(4m + 5)$

B  $(4m + 9)(m + 5)$

**6** Consolidate the shared, bracketed factors to simplify

$$6q(6q + 7) + 5(6q + 7)$$

A  $(6q + 7)(6q + 5)$

B  $(q - 7)(72q + 5)$

**7** Consolidate the shared, bracketed factors to simplify

$$8m(m + 4) + 7(m + 4)$$

A  $(m + 4)(8m + 7)$

B  $(8m + 4)(m + 7)$

**8** Consolidate the shared, bracketed factors to simplify

$$5w(7w + 8) + 7(7w + 8)$$

A  $(5w - 8)(56w + 7)$

B  $(7w + 8)(5w + 7)$