



## Algebraic Functions - Multiply Bracketed Terms, Different Variables

1 Which answer is the same expression as this  $(q + 7)(m + 5)$

A  $qm + 7m + 5q + 35$

B  $qm + 35m + 5q + 7$

3 Which answer is the same expression as this  $(z + 8)(x + 3)$

A  $zx + 8x + 3z + 24$

B  $zx + 8x + 3z + 11$

5 Which answer is the same expression as this  $(m + 5)(x + 3)$

A  $mx + 5x + 3m + 15$

B  $mx + 8x + 3m + 5$

7 Which answer is the same expression as this  $(t + 7)(y + 6)$

A  $ty + 7y + 6t + 42$

B  $ty + 6y + 13t + 7$

2 Which answer is the same expression as this  $(p + 7)(t + 8)$

A  $pt + 7t + 8p + 56$

B  $pt + 15t + 8p + 7$

4 Which answer is the same expression as this  $(z + 8)(y + 3)$

A  $zy + 8y + 3z + 24$

B  $8zy + 8y + 3z + 11$

6 Which answer is the same expression as this  $(n + 4)(t + 9)$

A  $9nt + 4t + 9n + 36$

B  $nt + 4t + 9n + 36$

8 Which answer is the same expression as this  $(z + 2)(q + 7)$

A  $zq + 2q + 7z + 9$

B  $zq + 2q + 7z + 14$