



## Algebraic Functions - Multiply Bracketed Terms, Different Variables

1 Which answer is the same expression as this  $(n - 7)(q - 6)$

A  $nq + 42q - 6n + 7$     B  $nq + 7q + 6n - 42$

C  $nq + 7q - 6n + 42$     D  $nq + 6q - 7n - 42$

E  $7q - 6n - 42 - nq$

2 Which answer is the same expression as this  $(r - 2)(x - 7)$

A  $rx + 2x - 7r + 14$     B  $rx - 2x - 7r - 14$

C  $rx + 2x + 7r - 9$     D  $rx + 9x - 7r + 2$

E  $rx + 2x + 7r - 14$

3 Which answer is the same expression as this  $(z - 2)(q - 3)$

A  $zq + 2q + 3z - 6$     B  $zq + 2q - 3z + 6$

C  $zq + 3q + 5z + 2$     D  $2q - 3z - 6 - zq$

E  $zq + 3q - 2z - 6$

4 Which answer is the same expression as this  $(y - 3)(t - 8)$

A  $yt + 3t - 8y + 24$     B  $yt + 3t + 8y - 24$

C  $yt + 8t + 11y + 3$     D  $yt + 24t - 8y + 3$

E  $8yt + 3t + 8y + 24$

5 Which answer is the same expression as this  $(p - 5)(z - 2)$

A  $5pz + 5z - 2p + 7$     B  $pz + 5z + 2p - 7$

C  $pz + 2z - 5p - 10$     D  $pz - 5z - 2p - 10$

E  $pz + 5z - 2p + 10$

6 Which answer is the same expression as this  $(x - 3)(y - 2)$

A  $xy + 2y - 3x - 6$     B  $3y - 2x - 6 - xy$

C  $xy + 3y - 2x + 6$     D  $xy - 2y + 6x + 3$

E  $3xy + 3y + 2x + 6$

7 Which answer is the same expression as this  $(p + 6)(z - 9)$

A  $pz + 54z - 9p + 6$     B  $pz + 6z + 9p - 15$

C  $pz + 15z - 9p + 6$     D  $pz + 6z - 9p - 54$

E  $pz - 6z + 9p - 54$

8 Which answer is the same expression as this  $(y - 5)(m - 9)$

A  $ym + 5m - 9y + 45$     B  $ym + 9m - 5y - 45$

C  $ym - 9m + 45y + 5$     D  $ym + 5m + 9y + 45$

E  $ym - 5m - 9y - 45$