



Algebraic Functions - Multiply Bracketed Terms, Different Variables (First Term)

1 Which answer is the same expression as this $(n + 9)(y - 8)$

A $ny + 9y - 8n - 72$

B $17ny + 9y - 8n - 72$

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

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

B $11rx + 2x + 7r + 14$

3 Which answer is the same expression as this $(z - 6)(q - 3)$

A $zq - 6q - 3z + 18$

B $9zq - 6q + 3z + 18$

4 Which answer is the same expression as this $(r - 5)(w + 5)$

A $rw - 5w + 5r - 25$

B $10rw - 5w + 5r - 25$

5 Which answer is the same expression as this $(x - 4)(w - 2)$

A $xw - 4w - 2x + 8$

B $16xw - 4w - 2x - 8$

6 Which answer is the same expression as this $(q + 3)(r - 9)$

A $qr + 3r - 9q - 27$

B $12qr + 3r - 9q - 27$

7 Which answer is the same expression as this $(t - 2)(q - 7)$

A $9tq - 2q + 7t + 14$

B $tq - 2q - 7t + 14$

8 Which answer is the same expression as this $(q + 9)(w - 5)$

A $qw + 9w - 5q - 45$

B $45qw + 9w - 5q - 45$