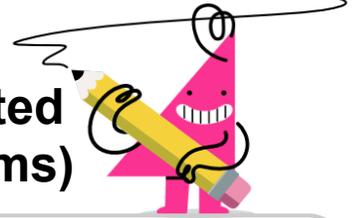




## Algebraic Functions - Multiply Bracketed Terms, Different Variables (Middle Terms)



1 Which answer is the same expression as this  $(r + 2)(t + 8)$

A  $rt + 16t + 10r + 16$

B  $rt + 2t + 8r + 16$

2 Which answer is the same expression as this  $(n - 6)(m + 6)$

A  $nm - 6m + 6n - 36$

B  $nm + 6m - 6n - 36$

3 Which answer is the same expression as this  $(z + 4)(w - 2)$

A  $zw + 4w - 2z - 8$

B  $zw - 2w + 4z - 8$

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

A  $pt - 8t + 2p - 16$

B  $pt + 2t - 8p - 16$

5 Which answer is the same expression as this  $(y + 9)(x - 7)$

A  $yx - 7x + 9y - 63$

B  $yx + 9x - 7y - 63$

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

A  $qm - 8m + 9q - 72$

B  $qm - 9m + 8q - 72$

7 Which answer is the same expression as this  $(p - 5)(m + 8)$

A  $pm + 8m - 5p - 40$

B  $pm - 5m + 8p - 40$

8 Which answer is the same expression as this  $(t - 9)(w + 4)$

A  $tw - 9w + 4t - 36$

B  $tw + 9w - 4t - 36$