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

Name

1 Which answer is the same expression as this $(m + 4)(t + 8)$

A $mt + 4t + 8m + 15$

B $mt + 4t + 8m + 32$

2 Which answer is the same expression as this $(z + 5)(q + 5)$

A $zq + 5q + 5z + 25$

B $zq + 5q + 5z + 26$

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

A $wp + 5p - 9w - 19$

B $wp + 5p - 9w - 45$

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

A $mt - 4t - 3m + 13$

B $mt - 4t - 3m + 12$

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

A $rn + 4n - 4r - 16$

B $rn + 4n - 4r - 11$

6 Which answer is the same expression as this $(m - 3)(q - 7)$

A $mq - 3q - 7m + 21$

B $mq - 3q - 7m + 13$

7 Which answer is the same expression as this $(r - 6)(y - 4)$

A $ry - 6y - 4r + 25$

B $ry - 6y - 4r + 24$

8 Which answer is the same expression as this

$(q - 2)(t + 4)$

A $qt - 2t + 4q - 8$

B $qt - 2t + 4q - 9$