



Math worksheet on 'Algebraic Functions - Multiply Bracketed Terms, Different Variables (Level 4)'. Part of a broader unit on 'Algebra Manipulating Variables - Advanced'

Learn online:

app.mobius.academy/math/units/algebra_manipulating_variables_advanced/

2 Which answer is the same expression as this $(7m - 4)(b - 8)$

a $7mb + 4b - 56m + 32$	b $7mb + 4b + 8m - 32$
c $7mb + 32b - 8m + 4$	d $7b - 8m - 32 - mb$
e $mb - 4b - 8m - 32$	f $7mb - 4b - 8m - 32$

1 Which answer is the same expression as this $(6z + 9)(y - 8)$

a $6y - 8z - 72 - zy$	b $zy - 9y - 8z + 72$
c $zy - 9y + 8z - 72$	d $zy - 9y - 8z + 72$
e $zy + 72y - 8z + 9$	f $zy + 9y - 48z - 72$

3 Which answer is the same expression as this $(3b + 7)(y - 4)$

a $3by - 7y + 4b - 28$	b $3by + 7y - 12b - 28$
c $3by - 7y - 4b + 28$	d $by - 7y - 4b + 28$
e $3by + 28y - 4b + 7$	f $3y - 4b - 28 - by$

4 Which answer is the same expression as this $(8y - 8)(r - 7)$

a $8r - 7y - 56 - yr$	b $8yr + 56r - 7y + 8$
c $8yr + 8r + 7y - 56$	d $8yr + 8r - 56y + 56$
e $yr - 8r - 7y - 56$	f $8yr - 8r - 7y - 56$

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

a $7xp + 6p - 49x - 42$	b $7xp - 6p + 7x - 42$
c $xp - 6p - 7x + 42$	d $7xp + 42p - 7x + 6$
e $7xp - 6p - 7x + 42$	f $7p - 7x - 42 - xp$

6 Which answer is the same expression as this $(y - 6)(3n + 3)$

a $3yn - 6n - 3y + 18$	b $3yn - 18n + 3y - 18$
c $3yn + 6n - 3y - 18$	d $yn - 6n - 3y + 18$
e $3n - 3y - 18 - yn$	f $3yn + 18n - 3y + 6$

7 Which answer is the same expression as this $(9y + 3)(z - 4)$

a $9yz + 12z - 4y + 3$	b $9yz + 3z - 36y - 12$
c $9yz - 3z - 4y + 12$	d $yz - 3z - 4y + 12$
e $9yz - 3z + 4y - 12$	f $9z - 4y - 12 - yz$