mobius

Algebraic Functions - Bracketed Terms, Squared

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1 Which answer is the same expression as this

$$(2c + 8)^2$$

A	$4c^2 - 32c + 64$	B	$4c^2 + 32c + 64$
C	$64c^2 + 32c + 12$	D	$4c^2 + 64c + 32$
E	$32c^2 + 32c - 64$	F	$32c^2 - 32c + 64$

2 Which answer is the same expression as this

$$(4p + 8)^2$$

A	$16p^2 + 64p + 64$	B	$64p^2 + 64p + 64$
C	$64p^2 + p + 64$	D	$64p^2 - 64p + 64$
E	$p^2 - 64p + 64$		

3 Which answer is the same expression as this

$$(9n + 7)^2$$

A $81n^2 + 126n + 49$	B $49n^2 - 126n + 25$
C $126n^2 - 126n + 49$	D $n^2 + 49n - 126$
E $126n^2 + 49n + 126$	F $81n^2 - 126n + 49$

4 Which answer is the same expression as this

$$(8y + 6)^2$$

A	$96y^2 + y + 36$	B	$96y^2 - y + 36$
C	$64y^2 + 96y + 36$	D	$64y^2 - 96y + 36$
E	$64y^2 + 36y + 96$	F	$y^2 - 36y + 96$

5 Which answer is the same expression as this

$$(4y + 6)^2$$

A	$16y^2 + 48y - 36$	B	$48y^2 + 36y + 48$
C	$36y^2 - 48y + 14$	D	$16y^2 - 48y + 36$
E	$y^2 + 36y - 48$	F	$16y^2 + 48y + 36$

6 Which answer is the same expression as this

$$(2n + 9)^2$$

A	$4n^2 + 36n + 81$	B	$36n^2 + n + 81$
C	$36n^2 - 36n + 81$	D	$4n^2 + 36n - 81$
E	$36n^2 + 36n - 81$	F	$n^2 + 81n - 36$

7 Which answer is the same expression as this

$$(9m + 8)^2$$

A $m^2 + 64m - 144$	B $144m^2 + m + 64$
C $81m^2 + 144m + 64$	D $64m^2 - 144m + 64$
E $81m^2 + 144m - 64$	F $144m^2 + 64m + 144$

8 Which answer is the same expression as this

$$(2m + 4)^2$$

A $4m^2 - 16m + 16$	B $16m^2 + 16m - 16$
C $16m^2 - 16m + 16$	D $4m^2 + 16m - 16$
E $4m^2 + 16m + 16$	F $16m^2 - m + 16$

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