



Math worksheet on 'Algebraic Functions - Bracketed Terms, Squared (Level 1)'. Part of a broader unit on 'Algebra Manipulating Variables - Advanced'

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1 Which answer is the same expression as this

$$(d + 8)^2$$

a	$d^2 - 64d + 16$	b	$d^2 + 64d + 16$
c	$d^2 - 16d + 64$	d	$d^2 + 64d - 16$
e	$d^2 + 16d - 64$	f	$d^2 + 16d + 64$

2 Which answer is the same expression as this

$$(p + 3)^2$$

a	$p^2 + 9p + 6$	b	$p^2 - 9p + 6$
c	$p^2 + 6p - 9$	d	$p^2 + 9p - 6$
e	$p^2 - 6p + 9$	f	$p^2 + 6p + 9$

3 Which answer is the same expression as this

$$(c + 5)^2$$

a	$c^2 + 25c + 10$	b	$c^2 - 25c + 10$
c	$c^2 - 10c + 25$	d	$c^2 + 25c - 10$
e	$c^2 + 10c - 25$	f	$c^2 + 10c + 25$

4 Which answer is the same expression as this

$$(m + 8)^2$$

a	$m^2 - 16m + 64$	b	$m^2 + 16m - 64$
c	$m^2 + 16m + 64$	d	$m^2 + 64m + 16$
e	$m^2 - 64m + 16$	f	$m^2 + 64m - 16$

5 Which answer is the same expression as this

$$(b + 4)^2$$

a	$b^2 + 8b + 16$	b	$b^2 + 16b - 8$
c	$b^2 + 8b - 16$	d	$b^2 + 16b + 8$
e	$b^2 - 8b + 16$	f	$b^2 - 16b + 8$

6 Which answer is the same expression as this

$$(n + 4)^2$$

a	$n^2 + 8n - 16$	b	$n^2 + 8n + 16$
c	$n^2 + 16n - 8$	d	$n^2 + 16n + 8$
e	$n^2 - 16n + 8$	f	$n^2 - 8n + 16$

7 Which answer is the same expression as this

$$(p + 6)^2$$

a	$p^2 + 36p + 12$	b	$p^2 - 36p + 12$
c	$p^2 + 36p - 12$	d	$p^2 + 12p - 36$
e	$p^2 - 12p + 36$	f	$p^2 + 12p + 36$