



Math worksheet on 'Algebraic Functions - Bracketed Terms, Squared (Level 1)'. Part of a broader unit on 'Polynomials and Quadratics - Intro'

Learn online: app.mobius.academy/math/units/polynomials_and_quadratics_intro/

1 Which answer is the same expression as this

$$(b + 8)^2$$

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

2 Which answer is the same expression as this

$$(b + 9)^2$$

a	$b^2 - 81b + 18$	b	$b^2 + 81b + 18$
c	$b^2 - 18b + 81$	d	$b^2 + 18b - 81$
e	$b^2 + 18b + 81$	f	$b^2 + 81b - 18$

3 Which answer is the same expression as this

$$(n + 9)^2$$

a	$n^2 + 81n + 18$	b	$n^2 + 18n - 81$
c	$n^2 + 81n - 18$	d	$n^2 + 18n + 81$
e	$n^2 - 18n + 81$	f	$n^2 - 81n + 18$

4 Which answer is the same expression as this

$$(x + 9)^2$$

a	$x^2 + 18x - 81$	b	$x^2 - 81x + 18$
c	$x^2 + 18x + 81$	d	$x^2 + 81x + 18$
e	$x^2 - 18x + 81$	f	$x^2 + 81x - 18$

5 Which answer is the same expression as this

$$(p + 6)^2$$

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

6 Which answer is the same expression as this

$$(c + 5)^2$$

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

7 Which answer is the same expression as this

$$(p + 9)^2$$

a	$p^2 + 81p - 18$	b	$p^2 + 18p + 81$
c	$p^2 - 18p + 81$	d	$p^2 + 81p + 18$
e	$p^2 - 81p + 18$	f	$p^2 + 18p - 81$