



Algebraic Functions - Bracketed Terms, Squared



1

Which answer is the same expression as this

$$(7z - 3)^2$$

A $9z^2 - 42z + 42$	B $9z^2 + 42z + [CALCVALUE3]$
C $49z^2 - 42z - 9$	D $49z^2 + 42z - 9$
E $z^2 + 49z + 9$	F $42z^2 - 42z + 9$

2

Which answer is the same expression as this

$$(5c - 4)^2$$

A $c^2 + 16c - 40$	B $40c^2 + c + 16$
C $16c^2 - 40c - 16$	D $40c^2 + 40c + 40$
E $16c^2 - 40c + 40$	F $40c^2 - 40c + 16$

3

Which answer is the same expression as this

$$(8d - 9)^2$$

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

4

Which answer is the same expression as this

$$(7x - 2)^2$$

A $28x^2 + x + 4$	B $49x^2 - 28x + 49$
C $49x^2 + 28x - 4$	D $28x^2 - 28x + 4$
E $28x^2 - 28x + 49$	F $28x^2 + 28x + 28$

5

Which answer is the same expression as this

$$(8d - 3)^2$$

A $d^2 - 9d + 48$	B $48d^2 - d + 9$
C $9d^2 - 48d + 48$	D $64d^2 - 48d + 64$
E $48d^2 - 48d + 9$	F $d^2 + 64d + 9$

6

Which answer is the same expression as this

$$(8x - 4)^2$$

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

7

Which answer is the same expression as this

$$(3r - 4)^2$$

A $24r^2 - 24r + 16$	B $r^2 + 9r - 16$
C $r^2 + 16r - 24$	D $r^2 + 16r + 24$
E $9r^2 - 24r - 16$	F $r^2 + 9r + 16$

8

Which answer is the same expression as this

$$(4b - 6)^2$$

A $36b^2 + 48b - 36$	B $b^2 + 16b + 36$
C $36b^2 - 48b + [CALCVALUE3]$	D $36b^2 - 48b - 36$
E $48b^2 - 48b + 36$	F $48b^2 - 48b + 16$