mobius
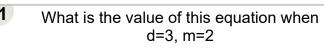
Math worksheet on *'Algebraic Function Variable Substitution - Bracketed Squared Terms (Level 1)'*.
Part of a broader unit on *'Exponents - Practice'*

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

1 What is the value of this equation when
d=3, m=2

$$(3d + 2m)^2$$

a	b	c	d	e	f
81	31	−27	−81	169	35

2 What is the value of this equation when
z=3, n=2

$$(3z + 2n)^2$$

a	b	c	d	e	f
81	169	−81	35	−27	31

3 What is the value of this equation when
n=2, z=3

$$(3n + 2z)^2$$

a	b	c	d	e	f
−36	36	18	144	30	−12

4 What is the value of this equation when
p=3, b=2

$$(2p + 3b)^2$$

a	b	c	d	e	f
−18	24	−36	30	36	144

5 What is the value of this equation when
c=2, x=3

$$(3c + 2x)^2$$

a	b	c	d	e	f
−36	36	30	18	−12	144

6 What is the value of this equation when
b=3, p=2

$$(2b + 2p)^2$$

a	b	c	d	e	f
22	26	−36	100	36	−18

7 What is the value of this equation when
n=2, x=3

$$(2n + 3x)^2$$

a	b	c	d	e	f
16	17	35	−8	−16	169