



Math worksheet on 'Algebraic Function Variable Substitution - Bracketed Squared Terms (Level 1)'. Part of a broader unit on 'Algebra Basic Concepts - Practice'

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1 What is the value of this equation when $y=2, r=3$

$$(2y + 3r)^2$$

a	b	c	d	e	f
17	-8	16	35	169	-16

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

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

a	b	c	d	e	f
17	16	-8	35	169	-16

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

$$(2b + 2y)^2$$

a	b	c	d	e	f
-8	144	40	16	16	-16

4 What is the value of this equation when $d=2, n=3$

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

a	b	c	d	e	f
144	-36	18	-12	36	30

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

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

a	b	c	d	e	f
35	31	-27	169	81	-81

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

$$(2y + 2p)^2$$

a	b	c	d	e	f
26	100	22	-36	-18	36

7 What is the value of this equation when $y=2, d=3$

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

a	b	c	d	e	f
-12	30	36	18	-36	144