



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

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1 What is the value of this equation when
 $p=-8, x=-4$

$$(4p + 6x)^2$$

a	b	c	d	e	f
352	232	-256	1, 024	-1, 024	3, 136

2 What is the value of this equation when
 $p=-6, r=6$

$$(7p + 5r)^2$$

a	b	c	d	e	f
-252	432	1, 764	144	282	-1, 764

3 What is the value of this equation when
 $m=-6, n=5$

$$(3m + 6n)^2$$

a	b	c	d	e	f
324	-324	-108	258	144	138

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

$$(7b + 7n)^2$$

a	b	c	d	e	f
1, 225	441	91	49	-441	-63

5 What is the value of this equation when
 $y=-5, n=5$

$$-(2y + 2n)^2$$

a	b	c	d	e	f
-50	-0y	0y	60	0	100

6 What is the value of this equation when
 $m=-7, c=-3$

$$(7m + 6c)^2$$

a	b	c	d	e	f
-343	397	-2, 401	4, 489	2, 401	325

7 What is the value of this equation when
 $x=5, n=-7$

$$(2x + 6n)^2$$

a	b	c	d	e	f
1, 024	344	-100	100	-50	8