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 x=5, p=-5

$$-(3x+4p)^2$$

a	b	c	d	e	f
-25	-75	225	55	25	175

2 What is the value of this equation when m=-4, d=3

$$-(4m+3d)^2$$

a	b	c	d	e	f
256	-49	91	49	-64	73

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

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

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

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

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

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

5 What is the value of this equation when y=-5, p=-2

$$(7y+3p)^2$$

a	b	c	d	e	f
187	-175	169	$-1,225$	$1,681$	$1,225$

6 What is the value of this equation when d=-3, n=-2

$$(4d+6n)^2$$

a	b	c	d	e	f
-144	-36	576	24	60	144

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

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

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