



Math worksheet on 'Algebraic Function Variable Substitution - Simple Squared Terms (Level 2)'. Part of a broader unit on 'Exponents - Practice'

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1 What is the value of this equation when  $z=4, d=3$

$$6z^2 + 6d^2$$

a	b	c	d	e	f
-576	-96	114	42	576	150

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

$$5r^2 - 5d^2$$

a	b	c	d	e	f
-20	-60	100	-100	100	40

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

$$4n^2 + 5x^2$$

a	b	c	d	e	f
-144	-36	46	144	16	56

4 What is the value of this equation when  $z=2, c=3$

$$4z^2 + 5c^2$$

a	b	c	d	e	f
-64	-29	64	61	31	-16

5 What is the value of this equation when  $m=4, p=2$

$$3m^2 - 6p^2$$

a	b	c	d	e	f
24	72	-144	-48	60	144

6 What is the value of this equation when  $y=2, m=4$

$$2y^2 + 5m^2$$

a	b	c	d	e	f
88	-16	16	-8	-72	28

7 What is the value of this equation when  $p=5, c=2$

$$2p^2 - 5c^2$$

a	b	c	d	e	f
60	70	100	30	-100	-50