



Math worksheet on 'Algebraic Function Variable Substitution - Multiple Fractional Squared Terms (Level 3)'. Part of a broader unit on 'Algebra Basic Concepts - Advanced'

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1	What is the value of this equation when $z=8, d=7, n=5$		
	a	b	c
	4	$-3z$	1
	$5z^2$		
	d	e	f
	$5d^2 + 3n^2$	-565	355 565

2	What is the value of this equation when $z=5, x=3, p=2$		
	a	b	c
	138	$-2z$	-138
	$3z^2$		
	d	e	f
	$7x^2 + 3p^2$	-2	1 96

3	What is the value of this equation when $z=8, c=7, y=5$		
	a	b	c
	565	1	-4
	$5z^2$		
	d	e	f
	$5c^2 + 3y^2$	355	-565 3

4	What is the value of this equation when $x=5, d=3, b=4$		
	a	b	c
	118	106	-118
	$4x^2$		
	d	e	f
	$2d^2 + 2b^2$	2	1 -5

5	What is the value of this equation when $c=8, m=2, x=5$		
	a	b	c
	142	1	-2
	$2c^2$		
	d	e	f
	$7m^2 + 4x^2$	-156	-3 156

6	What is the value of this equation when $p=6, r=3, x=4$		
	a	b	c
	288	3	264
	$7p^2$		
	d	e	f
	$4r^2 + 3x^2$	-4	4 -288

7	What is the value of this equation when $d=8, r=2, z=4$		
	a	b	c
	8	4	4
	$7d^2$		
	d	e	f
	$2r^2 + 3z^2$	452	-456 456