



Math worksheet on 'Algebraic Function Variable Substitution - Fractional Squared Terms (Level 2)'. Part of a broader unit on 'Algebra Basic Concepts - Advanced'

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<p><b>1</b> What is the value of this equation when <math>z=2, m=3, y=4</math></p> $\frac{4z^2 + 2y^2}{4m}$	a	b	c
	4	52	-52
	d	e	f
	-3	28	2

<p><b>2</b> What is the value of this equation when <math>m=5, p=3, r=4</math></p> $\frac{4m^2 + 2r^2}{2p}$	a	b	c
	-118	22	118
	d	e	f
	106	2	3

<p><b>3</b> What is the value of this equation when <math>z=4, n=2, b=5</math></p> $\frac{4z^2 + 2b^2}{3n}$	a	b	c
	19	76	-76
	d	e	f
	70	4	3

<p><b>4</b> What is the value of this equation when <math>n=5, b=2, p=3</math></p> $\frac{6n^2 + 6p^2}{3b}$	a	b	c
	-162	156	34
	d	e	f
	2	162	2

<p><b>5</b> What is the value of this equation when <math>r=3, n=2, m=5</math></p> $\frac{6r^2 + 6m^2}{3n}$	a	b	c
	-2	-66	60
	d	e	f
	34	66	3

<p><b>6</b> What is the value of this equation when <math>d=5, b=4, p=3</math></p> $\frac{2d^2 + 6p^2}{2b}$	a	b	c
	13	82	-3
	d	e	f
	58	-5	-82

<p><b>7</b> What is the value of this equation when <math>r=5, c=2, b=3</math></p> $\frac{5r^2 + 5b^2}{5c}$	a	b	c
	2	-145	17
	d	e	f
	135	-5	145