Math worksheet on *'Algebraic Function Variable Substitution - Multiple Fractional 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, z=-2, n=-4

$$-\frac{6p^2}{3z^2} + 6n^2$$

a	b	c
128	−396	396
d	**e**	**f**
64	3	4

2 What is the value of this equation when p=8, n=2, r=-8

$$-\frac{3p^2}{3n^2} + 2r^2$$

a	b	c
144	204	−204
d	**e**	**f**
3	1	112

3 What is the value of this equation when n=8, m=-2, d=-3

$$\frac{4n^2}{2m^2} + 7d^2$$

a	b	c
−264	95	252
d	**e**	**f**
4	1	264

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

$$-\frac{4x^2}{2y^2} + 5p^2$$

a	b	c
47	1	2
d	**e**	**f**
384	43	−384

5 What is the value of this equation when p=3, m=-3, y=-4

$$-\frac{3p^2}{3m^2} + 4y^2$$

a	b	c
$65p$	1	54
d	**e**	**f**
−54	63	65

6 What is the value of this equation when m=6, r=-2, x=-3

$$\frac{6m^2}{3r^2} + 4x^2$$

a	b	c
−228	2	210
d	**e**	**f**
54	228	3

7 What is the value of this equation when x=6, m=-6, p=8

$$\frac{3x^2}{3m^2} + 4p^2$$

a	b	c
257	1	90
d	**e**	**f**
$4x$	216	−216