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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 b=-4, r=2, n=-5

$$\frac{6b^2}{2r^2} + 5n^2$$

a	b	c
1	100	104
d	**e**	**f**
−104	137	2

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

$$-\frac{4r^2}{5z^2} + 2y^2$$

a	b	c
1	55	4
d	**e**	**f**
−120	120	45

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

$$-\frac{6z^2}{2m^2} + 5y^2$$

a	b	c
122	−128	4
d	**e**	**f**
128	2	128

4 What is the value of this equation when z=-4, y=4, x=2

$$\frac{3z^2}{3y^2} + 4x^2$$

a	b	c
96	−4	60
d	**e**	**f**
17	−96	−2

5 What is the value of this equation when d=4, r=2, p=-2

$$-\frac{6d^2}{3r^2} + 2p^2$$

a	b	c
−108	108	3
d	**e**	**f**
16	−2	0

6 What is the value of this equation when y=-2, r=2, n=-4

$$-\frac{6y^2}{6r^2} + 3n^2$$

a	b	c
2	49	48
d	**e**	**f**
−48	47	3

7 What is the value of this equation when r=4, n=-4, x=-3

$$-\frac{4r^2}{2n^2} + 3x^2$$

a	b	c
96	−96	2
d	**e**	**f**
25	2	29