Math worksheet on *'Algebraic Function Variable Substitution - Fractional Squared Terms (Negatives) (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 b=4, m=-2, z=-3

$$\left(\frac{6b+4z}{3m}\right)^2$$

a	b	c
3	108	4
d	**e**	**f**
90	−108	1

2 What is the value of this equation when p=-3, r=5, x=-5

$$-\left(\frac{5p-3x}{3r}\right)^2$$

a	b	c	d	e	f
1	−120	120	1	0	60

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

$$\left(\frac{6c+6y}{5z}\right)^2$$

a	b	c
111	0	141
d	**e**	**f**
−141	−3	2

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

$$\left(\frac{5x+4y}{3d}\right)^2$$

a	b	c
−5	4	128
d	**e**	**f**
−128	68	1

5 What is the value of this equation when y=-3, n=2, c=4

$$\left(\frac{4y+3c}{6n}\right)^2$$

a	b	c
3	1	−60
d	**e**	**f**
0	60	48

6 What is the value of this equation when c=5, z=-2, d=-4

$$\left(\frac{4c+5d}{2z}\right)^2$$

a	b	c
1	−108	0
d	**e**	**f**
108	96	2

7 What is the value of this equation when r=3, z=-2, c=2

$$\left(\frac{2r+2c}{5z}\right)^2$$

a	b	c
−4	−5	1
d	**e**	**f**
38	8	−38