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 x=3, m=6, r=-3

$$\left(\frac{5x+5r}{7m}\right)^2$$

a	b	c
0	87	−297
d	**e**	**f**
−2	297	3

2 What is the value of this equation when n=8, c=-7, z=-6

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

a	b	c
3	0	388
d	**e**	**f**
−4	−388	164

3 What is the value of this equation when m=4, d=-3, c=5

$$-\left(\frac{4m-5c}{3d}\right)^2$$

a	b	c	d	e	f
−91	−1	1m	4	55	91

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

$$\left(\frac{3r+6c}{2d}\right)^2$$

a	b	c
1	−98	2
d	**e**	**f**
0	98	38

5 What is the value of this equation when d=-4, z=-7, r=-2

$$-\left(\frac{3d-6r}{2z}\right)^2$$

a	b	c
146	−146	−5
d	**e**	**f**
0	34	3

6 What is the value of this equation when c=3, n=2, z=-2

$$\left(\frac{2c+3z}{3n}\right)^2$$

a	b	c
−30	3	0
d	**e**	**f**
−4	30	24

7 What is the value of this equation when p=-7, r=2, b=-2

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

a	b	c
118	−118	1
d	**e**	**f**
108	−1	2