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

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1 What is the value of this equation when z=-5, d=2, b=5

$$\frac{3z^2 - 5b^2}{5d}$$

a	b	c
95	2	−5
d	**e**	**f**
−95	−4	5

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

$$\frac{4p^2 + 2d^2}{3c}$$

a	b	c
64	2	28
d	**e**	**f**
−3	4	−64

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

$$\frac{3y^2 - 6c^2}{4n}$$

a	b	c
−3	84	−84
d	**e**	**f**
−2	4	−4

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

$$\frac{4r^2 + 2n^2}{2b}$$

a	b	c
−3	68	24
d	**e**	**f**
2	72	−72

5 What is the value of this equation when x=-2, b=-4, r=2

$$\frac{2x^2 - 6r^2}{4b}$$

a	b	c
72	1	$-1x$
d	**e**	**f**
−72	4	−1

6 What is the value of this equation when x=5, z=2, c=-3

$$\frac{6x^2 + 2c^2}{4z}$$

a	b	c
166	−166	158
d	**e**	**f**
−4	21	2

7 What is the value of this equation when b=3, p=-2, c=-4

$$\frac{4b^2 - 6c^2}{5p}$$

a	b	c
6	−3	−56
d	**e**	**f**
2	56	−6