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

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1 What is the value of this equation when x=5, c=3, b=2

$$\frac{6x^2 + 3b^2}{3c}$$

a	b	c
18	177	−2
d	**e**	**f**
−177	−4	159

2 What is the value of this equation when z=4, b=3, p=2

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

a	b	c
12	3	105
d	**e**	**f**
123	−123	1

3 What is the value of this equation when b=2, p=3, m=5

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

a	b	c
−35	2	3
d	**e**	**f**
12	17	35

4 What is the value of this equation when n=5, b=2, p=3

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

a	b	c
2	−162	34
d	**e**	**f**
162	2	156

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

$$\frac{5d^2 + 4c^2}{3b}$$

a	b	c
107	2	−3
d	**e**	**f**
−107	89	20

6 What is the value of this equation when m=3, x=5, d=4

$$\frac{4m^2 + 4d^2}{2x}$$

a	b	c
2	86	46
d	**e**	**f**
3	−86	10

7 What is the value of this equation when z=2, m=3, y=4

$$\frac{4z^2 + 2y^2}{4m}$$

a	b	c
4	−3	2
d	**e**	**f**
−52	52	28