



Math worksheet on 'Algebraic Function Variable Substitution - Multiple Fractional Squared Terms (Level 1)'. Part of a broader unit on 'Algebra Basic Concepts - Practice'

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1 What is the value of this equation when $p=6, n=2, x=4$

a	b	c
3	-192	2
d	e	f
186	127	192

$$\frac{5p^2}{3n^2} + 7x^2$$

2 What is the value of this equation when $b=8, m=2, z=6$

a	b	c
200	-336	328
d	e	f
4	1	336

$$\frac{5b^2}{4m^2} + 5z^2$$

3 What is the value of this equation when $b=8, y=4, n=3$

a	b	c
264	4	-288
d	e	f
4	288	71

$$\frac{4b^2}{2y^2} + 7n^2$$

4 What is the value of this equation when $r=6, y=3, p=2$

a	b	c
84	3	-108
d	e	f
26	3	108

$$\frac{2r^2}{4y^2} + 6p^2$$

5 What is the value of this equation when $y=5, z=2, n=6$

a	b	c
77	2	-120
d	e	f
4	110	120

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

6 What is the value of this equation when $c=8, d=4, r=3$

a	b	c
560	1	476
d	e	f
2	-560	31

$$\frac{7c^2}{7d^2} + 3r^2$$

7 What is the value of this equation when $x=8, b=4, d=3$

a	b	c
288	264	3
d	e	f
26	4	-288

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