mobius

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

Learn online: app.mobius.academy/math/units/algebra_basic_concepts_advanced/

1 What is the value of this equation when c=8, n=-4, m=-3

$$-\frac{2c^2}{2n^2} + 7m^2$$

a	b	c
3	160	59
d	**e**	**f**
67	$67c$	-160

2 What is the value of this equation when x=8, y=-8, p=3

$$-\frac{4x^2}{2y^2} + 5p^2$$

a	b	c
47	384	43
d	**e**	**f**
1	-384	2

3 What is the value of this equation when x=-3, m=3, d=2

$$-\frac{6x^2}{2m^2} + 3d^2$$

a	b	c
2	9	72
d	**e**	**f**
3	-72	15

4 What is the value of this equation when p=3, m=-3, y=-4

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

a	b	c
65	$65p$	54
d	**e**	**f**
-54	1	63

5 What is the value of this equation when d=-7, c=7, y=2

$$\frac{4d^2}{2c^2} + 7y^2$$

a	b	c
210	-4	30
d	**e**	**f**
4	-294	294

6 What is the value of this equation when n=-6, d=4, m=5

$$\frac{4n^2}{3d^2} + 2m^2$$

a	b	c
2	156	-192
d	**e**	**f**
1	53	192

7 What is the value of this equation when z=2, b=-2, x=4

$$-\frac{4z^2}{2b^2} + 7x^2$$

a	b	c
24	110	4
d	**e**	**f**
$114z$	114	-24