Name

Algebraic Function Variable Substitution - Multiple Fractional Squared Terms

1 What is the value of this equation when x=7, y=2, p=8, r=4

$$\frac{4x^2}{7y^2} + \frac{6p^2}{4r^2}$$

A	B	C
1	224	13
D	**E**	**F**
1	210	−224

2 What is the value of this equation when y=8, x=4, p=6, m=2

$$\frac{3y^2}{6x^2} + \frac{6p^2}{6m^2}$$

A	B	C
288	216	3
D	**E**	**F**
1	−288	11

3 What is the value of this equation when d=8, n=2, r=6, x=3

$$\frac{4d^2}{2n^2} + \frac{3r^2}{6x^2}$$

A	B	C
34	−264	1
D	**E**	**F**
264	−5	260

4 What is the value of this equation when y=8, n=4, c=6, p=3

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

A	B	C
204	3	−240
D	**E**	**F**
4	8	240

5 What is the value of this equation when d=6, c=3, z=4, r=2

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

A	B	C
11	4	1
D	**E**	**F**
144	−144	120