Name

Algebraic Function Variable Substitution - Multiple Fractional Squared Terms (Negatives)

1 What is the value of this equation when r=-8, z=5, m=4

$$\frac{3r^2}{4z^2 - 7m^2}$$

A -16 B -2 C 2

D 212 E -292 F 292

2 What is the value of this equation when x=-6, n=2, y=5

$$\frac{7x^2}{6n^2 - 6y^2}$$

A -3 B -276 C 264

D -2 E 276 F 4

3 What is the value of this equation when b=-6, r=-2, c=-4

$$\frac{5b^2}{7r^2 - 3c^2}$$

A 208 B 166 C $-4b$

D -9 E -2 F -208

4 What is the value of this equation when m=8, b=-2, d=4

$$\frac{7m^2}{4b^2 - 5d^2}$$

A 464 B 4 C -7

D 440 E -464 F -3

5 What is the value of this equation when d=-3, y=3, p=2

$$\frac{3d^2}{3y^2 - 7p^2}$$

A 54 B 36 C -27

D -2 E -3 F -54

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

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

A -2 B 25 C 168

D -168 E -3 F 156

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

$$\frac{6z^2}{4x^2 - 3b^2}$$

A $2z$ B 2 C -132

D 132 E 84 F 4

8 What is the value of this equation when y=5, r=2, p=-6

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

A 128 B 114 C 4

D 1 E -4 F -128