mobius

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

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

**1** What is the value of this equation when d=4, b=7, x=-8

$$\frac{7d-7x}{3b}$$

| a | b | c |
|---|---|---|
| $-259$ | $2$ | $4$ |
| **d** | **e** | **f** |
| $-4$ | $-5$ | $259$ |

**2** What is the value of this equation when p=-4, m=2, r=-5

$$\frac{2p-4r}{2m}$$

| a | b | c |
|---|---|---|
| $4$ | $3$ | $-2$ |
| **d** | **e** | **f** |
| $40$ | $-3$ | $-40$ |

**3** What is the value of this equation when y=5, r=2, m=-3

$$\frac{3y-5m}{3r}$$

| a | b | c |
|---|---|---|
| $-87$ | $5$ | $5y$ |
| **d** | **e** | **f** |
| $87$ | $-5y$ | $-5$ |

**4** What is the value of this equation when c=-2, d=2, z=6

$$\frac{6c-2z}{3d}$$

| a | b | c |
|---|---|---|
| $36$ | $-4$ | $3$ |
| **d** | **e** | **f** |
| $-36$ | $4c$ | $4$ |

**5** What is the value of this equation when z=6, p=-7, x=-8

$$\frac{4z+3x}{2p}$$

| a | b | c |
|---|---|---|
| $130$ | $0$ | $242$ |
| **d** | **e** | **f** |
| $3$ | $1$ | $-242$ |

**6** What is the value of this equation when c=3, p=-2, z=-3

$$\frac{2c+2z}{3p}$$

| a | b | c |
|---|---|---|
| $1$ | $0$ | $-5$ |
| **d** | **e** | **f** |
| $30$ | $12$ | $-30$ |

**7** What is the value of this equation when r=7, b=3, m=-6

$$\frac{6r+4m}{2b}$$

| a | b | c |
|---|---|---|
| $312$ | $-312$ | $3$ |
| **d** | **e** | **f** |
| $-3$ | $300$ | $1$ |