Math worksheet on *'Algebraic Functions - Variable Substitution to Equation - Fractional Terms (Level 1)'*. Part of a broader unit on *'Algebra Basic Concepts - Practice'*

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1 What does this equation become when z=4, d=2

$$\frac{5z}{5d}$$

a $\frac{5+4}{5+2}$ **b** $\frac{5\cdot 4}{5\cdot 2}$ **c** $\frac{5-4}{5-2}$ **d** $\frac{5^4}{5^2}$ **e** 5^4+5^2 **f** $5-4+5-2$

2 What does this equation become when c=4, d=2

$$\frac{6c}{4d}$$

a $\frac{6-4}{4-2}$ **b** 6^4+4^2 **c** $\frac{6^4}{4^2}$ **d** $\frac{6+4}{4+2}$ **e** $6-4+4-2$ **f** $\frac{6\cdot 4}{4\cdot 2}$

3 What does this equation become when p=4, c=2

$$\frac{6p}{2c}$$

a $6-4+2-2$ **b** $\frac{6\cdot 4}{2\cdot 2}$ **c** $\frac{6+4}{2+2}$ **d** 6^4+2^2 **e** $\frac{6^4}{2^2}$ **f** $\frac{6-4}{2-2}$

4 What does this equation become when y=4, p=2

$$\frac{2y}{4p}$$

a 2^4+4^2 **b** $\frac{2^4}{4^2}$ **c** $\frac{2\cdot 4}{4\cdot 2}$ **d** $\frac{2+4}{4+2}$ **e** $\frac{2-4}{4-2}$ **f** $2-4+4-2$

5 What does this equation become when m=2, c=3

$$\frac{6m}{2c}$$

a $\frac{6+2}{2+3}$ **b** $\frac{6\cdot 2}{2\cdot 3}$ **c** 6^2+2^3 **d** $6-2+2-3$ **e** $\frac{6^2}{2^3}$ **f** $\frac{6-2}{2-3}$

6 What does this equation become when y=2, b=3

$$\frac{6y}{2b}$$

a $\frac{6+2}{2+3}$ **b** $\frac{6^2}{2^3}$ **c** $\frac{6\cdot 2}{2\cdot 3}$ **d** $\frac{6-2}{2-3}$ **e** 6^2+2^3 **f** $6-2+2-3$

7 What does this equation become when r=4, z=2

$$\frac{6r}{4z}$$

a $\frac{6\cdot 4}{4\cdot 2}$ **b** 6^4+4^2 **c** $\frac{6-4}{4-2}$ **d** $\frac{6^4}{4^2}$ **e** $6-4+4-2$ **f** $\frac{6+4}{4+2}$