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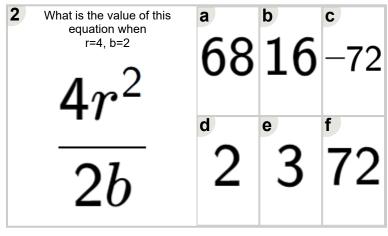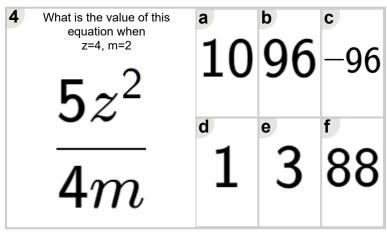
Math worksheet on *'Algebraic Function Variable Substitution - Fractional Squared Terms (Level 1)'*. Part of a broader unit on *'Algebra Basic Concepts - Practice'*

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

**1** What is the value of this equation when c=3, r=2

$$\frac{2c^2}{3r}$$

| a | b | c |
|---|---|---|
| −30 | 3 | 24 |

| d | e | f |
|---|---|---|
| −5 | −5 | 30 |

**2** What is the value of this equation when r=4, b=2

$$\frac{4r^2}{2b}$$

| a | b | c |
|---|---|---|
| 68 | 16 | −72 |

| d | e | f |
|---|---|---|
| 2 | 3 | 72 |

**3** What is the value of this equation when r=4, d=2

$$\frac{6r^2}{4d}$$

| a | b | c |
|---|---|---|
| 12 | −112 | 104 |

| d | e | f |
|---|---|---|
| 112 | 3 | −2 |

**4** What is the value of this equation when z=4, m=2

$$\frac{5z^2}{4m}$$

| a | b | c |
|---|---|---|
| 10 | 96 | −96 |

| d | e | f |
|---|---|---|
| 1 | 3 | 88 |

**5** What is the value of this equation when x=2, p=4

$$\frac{3x^2}{3p}$$

| a | b | c |
|---|---|---|
| 24 | 1 | −5 |

| d | e | f |
|---|---|---|
| −60 | −2 | 60 |

**6** What is the value of this equation when p=5, n=2

$$\frac{4p^2}{2n}$$

| a | b | c |
|---|---|---|
| 1 | −108 | 25 |

| d | e | f |
|---|---|---|
| 4 | 108 | 104 |

**7** What is the value of this equation when n=2, y=4

$$\frac{4n^2}{4y}$$

| a | b | c |
|---|---|---|
| −4 | 32 | −3 |

| d | e | f |
|---|---|---|
| 80 | 1 | −80 |