



Math worksheet on 'Fraction Manipulation Algebra - Orientation 3 (Level 2)'. Part of a broader unit on 'Algebra Manipulating Variables - Advanced'

Learn online:

app.mobius.academy/math/units/algebra_manipulating_variables_advanced/

1 Solve the fraction for the '?' in terms of the variables and reduce.

$$a = \frac{3c}{?}$$

a	$\frac{c}{3a}$	b	$\frac{c}{a}$	c	$\frac{3c}{a}$
d	$\frac{a}{3c}$				

2 Solve the fraction for the '?' in terms of the variables and reduce.

$$a = \frac{d}{2?}$$

a	$\frac{d}{2a}$	b	$\frac{a}{2d}$	c	$\frac{d}{a}$
d					

3 Solve the fraction for the '?' in terms of the variables and reduce.

$$a = \frac{4c}{?}$$

a	$\frac{c}{4a}$	b	$4a \cdot c$	c	$\frac{4a}{c}$
d	$\frac{4c}{a}$				

4 Solve the fraction for the '?' in terms of the variables and reduce.

$$2a = \frac{c}{?}$$

a	$\frac{c}{a}$	b	$\frac{c}{2a}$	c	$\frac{2c}{a}$
d	$\frac{2a}{c}$				

5 Solve the fraction for the '?' in terms of the variables and reduce.

$$a = \frac{c}{2?}$$

a	$\frac{c}{2a}$	b	$\frac{a}{2c}$	c	$\frac{a \cdot c}{2}$
d					

6 Solve the fraction for the '?' in terms of the variables and reduce.

$$a = \frac{2e}{?}$$

a	$\frac{2e}{a}$	b	$\frac{e}{2a}$	c	$\frac{a}{2e}$
d					

7 Solve the fraction for the '?' in terms of the variables and reduce.

$$a = \frac{2b}{?}$$

a	$\frac{2b}{a}$	b	$2a \cdot b$	c	$\frac{b}{a}$
d	$\frac{a \cdot b}{2}$				