



Fraction Manipulation Algebra - All

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

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

A $x = \frac{a}{4c}$ B $x = \frac{c}{4a}$

C $x = a \cdot c$ D $x = \frac{c}{a}$

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

$$4a = \frac{x}{2c}$$

A $x = 8a \cdot c$ B $x = 2a \cdot c$

C $x = \frac{2a}{c}$

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

$$a = \frac{3x}{4b}$$

A $x = \frac{a \cdot b}{12}$ B $x = \frac{4a \cdot b}{3}$ C $x = \frac{4b}{3a}$

D $x = \frac{b}{12a}$

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

$$4a = \frac{x}{3b}$$

A $x = \frac{4a}{3b}$ B $x = 12a \cdot b$

C $x = \frac{3a}{4b}$

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

$$3a = \frac{2x}{b}$$

A $x = \frac{3a \cdot b}{2}$ B $x = \frac{3b}{2a}$ C $x = \frac{b}{6a}$

D $x = \frac{b}{a}$

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

$$2a = \frac{4x}{b}$$

A $x = \frac{a \cdot b}{2}$ B $x = \frac{b}{a}$ C $x = \frac{b}{8a}$

D $x = \frac{a}{8b}$

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

$$2a = \frac{x}{4c}$$

A $x = \frac{c}{a}$ B $x = \frac{c}{2a}$

C $x = \frac{2a}{c}$ D $x = 8a \cdot c$

8 Solve the fraction for 'x' in terms of the variables and reduce.

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

A $x = \frac{a}{c}$ B $x = a \cdot c$

C $x = \frac{c}{a}$ D $x = \frac{c}{4a}$