



Fraction Manipulation Algebra - All

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

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

A $x = a \cdot b$

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

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

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

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

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

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

B $x = \frac{c}{9a}$

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

D $x = 9a \cdot c$

E $x = a \cdot c$

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

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

A $x = 16a \cdot b$

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

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

D $x = a \cdot b$

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

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

A $x = \frac{c}{6a}$

B $x = \frac{3a}{2c}$

C $x = \frac{3c}{2a}$

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

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

A $x = \frac{4a \cdot c}{3}$

B $x = 12a \cdot c$

C $x = \frac{c}{12a}$

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

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

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

B $x = \frac{b}{9a}$

C $x = \frac{a}{9b}$

D $x = a \cdot b$

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

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

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

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

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

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

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

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

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

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

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

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