



Fraction Manipulation Algebra - All

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

$$2a = \frac{3x}{4b}$$

A $x = \frac{8a \cdot b}{3}$

B $x = \frac{b}{24a}$

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

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

E $x = \frac{a}{6b}$

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

$$4a = \frac{3c}{2x}$$

A $x = \frac{3c}{8a}$

B $x = \frac{3a}{8c}$

C $x = \frac{c}{24a}$

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

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

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

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

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

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

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

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

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

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

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

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

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

D $x = 3a \cdot b$

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

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

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

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

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

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

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

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

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

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

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

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

D $x = \frac{b}{36a}$

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

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

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

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

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

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

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

$$4a = \frac{3x}{2b}$$

A $x = \frac{8a \cdot b}{3}$

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

C $x = \frac{b}{24a}$