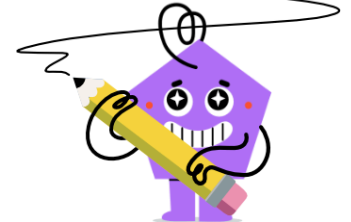




## Fraction Manipulation Algebra - All



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

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

A $x = \frac{b}{16a}$	B $x = \frac{4a}{4b}$	C $x = \frac{b}{a}$
D $x = \frac{4b}{4a}$		

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

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

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

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

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

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

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

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

A $x = \frac{2a}{3c}$	B $x = \frac{c}{a}$	C $x = \frac{2c}{3a}$
D $x = \frac{c}{6a}$		

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

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

A $x = \frac{a}{4c}$	B $x = \frac{2a \cdot c}{2}$	C $x = \frac{c}{4a}$
D $x = \frac{c}{a}$		

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

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

A $x = \frac{b}{a}$	B $x = \frac{2b}{2a}$
C $x = 4a \cdot b$	

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

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

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

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

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

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