

mobius

Fraction Manipulation Algebra -**Orientation 2**



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

$$\stackrel{ extsf{A}}{x} = rac{c}{a} \left| \stackrel{ extsf{B}}{x} = 2a \cdot c
ight|$$

$$x=rac{b}{a} \left| egin{matrix} {}^{ extsf{B}} & rac{4b}{4a} \end{array}
ight|$$

$$a = 2x$$

action for 'x' he variables duce.
$$x=\frac{c}{a}$$
 $x=2a\cdot c$ $x=2a\cdot c$ $x=\frac{c}{a}$ $x=\frac{c}{a}$ $x=\frac{c}{a}$ $x=\frac{c}{a}$ $x=\frac{c}{a}$ $x=\frac{c}{a}$ $x=\frac{c}{a}$ $x=\frac{c}{a}$ $x=\frac{c}{a}$ $x=\frac{c}{a}$ action for 'x' $x=\frac{c}{a}$

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

$$\overset{ extsf{c}}{x} = rac{ extsf{4}a}{ extsf{4}b}^{ extsf{D}} \overset{ extsf{D}}{x} = 16a \cdot b$$

3

$$\overset{\scriptscriptstyle\mathsf{A}}{x} = rac{\mathsf{4}a}{\mathsf{2}b}igg|^{\scriptscriptstyle\mathsf{B}} x = rac{b}{\mathsf{8}a}$$

$$\stackrel{ extsf{A}}{x} = a \cdot b \, \stackrel{ extsf{B}}{x} = rac{3b}{3a}$$

$$a=\frac{2x}{11}$$

$$x=rac{a}{8b}^{ extsf{ iny D}}x=rac{4b}{2a}^{ extsf{ iny D}}$$

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

$$rac{\mathbf{3} x}{\mathbf{3} h}$$
 $\begin{bmatrix} c & b & D & \mathbf{3} a \cdot b \\ x = rac{b}{a} & x = rac{\mathbf{3} a \cdot b}{\mathbf{3}} \end{bmatrix}$

$$x=rac{4a\cdot b}{3}^{ ext{B}} = 12a\cdot b^{ ext{G}}$$

$$egin{array}{c|c} \mathsf{A} & \mathsf{B} & \mathsf{C} \ x = rac{2b}{3a}x = rac{b}{a} = rac{2a \cdot b}{3} \end{array}$$

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

$$x=rac{b}{12a}^{ extsf{D}}x=rac{b}{a}^{ extsf{D}}$$

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

$$x=rac{b}{\mathsf{6}a}$$

$$\begin{vmatrix} x = a \cdot b \end{vmatrix}^{\mathtt{B}} x = rac{2a}{2b} \begin{vmatrix} \mathbf{8} \end{vmatrix}$$

$$\overset{ extsf{A}}{x} = rac{a \cdot c}{4} \overset{ extsf{B}}{x} = rac{c}{a}$$

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

$$egin{array}{c} \mathbf{2} x \ x = rac{2a \cdot b}{2} \ x = rac{b}{a} \end{array}$$

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

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