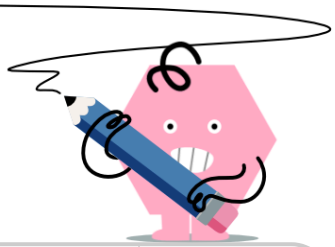
Name

Fraction Manipulation Algebra - Orientation 3



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

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

A $x = \frac{a \cdot f}{2}$

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

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

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

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

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

A $x = 4a \cdot b$

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

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

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

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

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

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

B $x = 3a \cdot b$

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

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

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

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

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

B $x = 2a \cdot b$

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

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

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

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

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

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

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

D $x = 4a \cdot e$

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

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

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

B $x = 2a \cdot e$

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

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

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

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

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

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

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

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

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

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

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

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

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

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