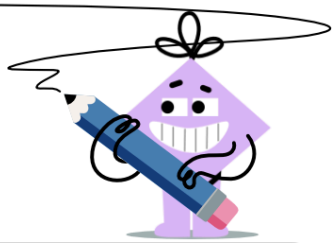
Name



Fraction Manipulation Algebra - Orientation 2

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

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

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

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

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

D $x = 3a \cdot d$

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

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

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

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

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

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

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

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

B $x = 4a \cdot d$

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

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

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

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

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

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

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

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

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

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

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

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

D $x = 3a \cdot e$

E $x = \frac{3e}{a}$

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

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

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

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

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

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

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

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

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

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

D $x = 2a \cdot c$

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

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

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

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

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

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