Name _____

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

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

A. $x = \dfrac{b}{4a}$ B. $x = \dfrac{4b}{a}$

C. $x = 4a \cdot b$

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

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

A. $x = \dfrac{c}{3a}$ B. $x = 3a \cdot c$

C. $x = \dfrac{3a}{c}$ D. $x = \dfrac{a}{3c}$

E. $x = \dfrac{c}{a}$

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

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

A. $x = \dfrac{a}{4d}$ B. $x = \dfrac{d}{4a}$ C. $x = \dfrac{a \cdot d}{4}$

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

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

A. $x = \dfrac{2d}{a}$ B. $x = \dfrac{d}{2a}$

C. $x = 2a \cdot d$ D. $x = \dfrac{a \cdot d}{2}$

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

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

A. $x = \dfrac{a}{4f}$ B. $x = \dfrac{f}{4a}$ C. $x = \dfrac{4f}{a}$

D. $x = \dfrac{f}{a}$

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

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

A. $x = \dfrac{3a}{b}$ B. $x = \dfrac{b}{a}$

C. $x = 3a \cdot b$ D. $x = \dfrac{b}{3a}$

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

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

A. $x = \dfrac{a}{3c}$ B. $x = \dfrac{c}{3a}$ C. $x = \dfrac{a \cdot c}{3}$

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

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

A. $x = \dfrac{a \cdot c}{4}$ B. $x = \dfrac{a}{4c}$ C. $x = \dfrac{c}{4a}$

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