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Math worksheet on *'Fraction Manipulation Algebra - All (Level 3)'*. Part of a broader unit on *'Algebra Basic Concepts - Practice'*

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

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

a $\frac{2a}{3b}$ **b** $\frac{2b}{3a}$ **c** $\frac{2a \cdot b}{3}$

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

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

a $a \cdot b$ **b** $\frac{4b}{4a}$ **c** $\frac{4a \cdot b}{4}$ **d** $\frac{b}{a}$

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

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

a $\frac{2a}{2c}$ **b** $a \cdot c$ **c** $\frac{c}{4a}$ **d** $\frac{a}{4c}$ **e** $\frac{2a \cdot c}{2}$

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

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

a $2a \cdot b$ **b** $\frac{a}{8b}$ **c** $\frac{b}{8a}$ **d** $\frac{4a}{2b}$

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

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

a $\frac{b}{a}$ **b** $\frac{2a}{2b}$ **c** $\frac{b}{4a}$ **d** $a \cdot b$

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

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

a $\frac{b}{a}$ **b** $\frac{2b}{2a}$ **c** $\frac{2a \cdot b}{2}$ **d** $4a \cdot b$

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

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

a $a \cdot b$ **b** $\frac{2b}{2a}$ **c** $\frac{b}{4a}$ **d** $\frac{a}{4b}$

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