

Rewriting Formulas (I)

Solve for b in terms of the other variables.

1. $\frac{7}{b} = x$

5. $\frac{b}{z} = -4$

9. $-\frac{1}{b} = y$

2. $a = bu$

6. $\frac{b}{z} = y$

10. $a = \frac{b}{c}$

3. $\frac{3}{b} = v$

7. $v = \frac{b}{c}$

11. $ba = v$

4. $\frac{b}{y} = -5$

8. $bx = c$

12. $y = \frac{x}{b}$

Rewriting Formulas (I) Answers

Solve for b in terms of the other variables.

$$1. \frac{7}{b} = x$$
$$b = \frac{7}{x}$$

$$5. \frac{b}{z} = -4$$
$$b = -4z$$

$$9. -\frac{1}{b} = y$$
$$b = -\frac{1}{y}$$

$$2. a = bu$$
$$b = \frac{a}{u}$$

$$6. \frac{b}{z} = y$$
$$b = yz$$

$$10. a = \frac{b}{c}$$
$$b = ac$$

$$3. \frac{3}{b} = v$$
$$b = \frac{3}{v}$$

$$7. v = \frac{b}{c}$$
$$b = vc$$

$$11. ba = v$$
$$b = \frac{v}{a}$$

$$4. \frac{b}{y} = -5$$
$$b = -5y$$

$$8. bx = c$$
$$b = \frac{c}{x}$$

$$12. y = \frac{x}{b}$$
$$b = \frac{x}{y}$$