

Rewriting Formulas (J)

Solve for b in terms of the other variables.

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

5. $a = -6b$

9. $\frac{b}{a} = z$

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

6. $by = u$

10. $bc = a$

3. $bc = z$

7. $bc = v$

11. $y = \frac{v}{b}$

4. $a = bv$

8. $u = \frac{z}{b}$

12. $c = ba$

Rewriting Formulas (J) Answers

Solve for b in terms of the other variables.

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

$$5. a = -6b$$
$$b = -\frac{a}{6}$$

$$9. \frac{b}{a} = z$$
$$b = za$$

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

$$6. by = u$$
$$b = \frac{u}{y}$$

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

$$3. bc = z$$
$$b = \frac{z}{c}$$

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

$$11. y = \frac{v}{b}$$
$$b = \frac{v}{y}$$

$$4. a = by$$
$$b = \frac{a}{y}$$

$$8. u = \frac{z}{b}$$
$$b = \frac{z}{u}$$

$$12. c = ba$$
$$b = \frac{c}{a}$$