

## Rewriting Formulas (C)

Solve for  $z$  in terms of the other variables.

1.  $y = za$

5.  $zx = v$

9.  $x = zy$

2.  $v = zb$

6.  $x = zu$

10.  $\frac{z}{b} = v$

3.  $zx = b$

7.  $\frac{v}{z} = a$

11.  $zy = x$

4.  $zv = 9$

8.  $4z = a$

12.  $\frac{c}{z} = y$

## Rewriting Formulas (C) Answers

Solve for  $z$  in terms of the other variables.

$$1. \begin{aligned} y &= za \\ z &= \frac{y}{a} \end{aligned}$$

$$5. \begin{aligned} zx &= v \\ z &= \frac{v}{x} \end{aligned}$$

$$9. \begin{aligned} x &= zy \\ z &= \frac{x}{y} \end{aligned}$$

$$2. \begin{aligned} v &= zb \\ z &= \frac{v}{b} \end{aligned}$$

$$6. \begin{aligned} x &= zu \\ z &= \frac{x}{u} \end{aligned}$$

$$10. \begin{aligned} \frac{z}{b} &= v \\ z &= vb \end{aligned}$$

$$3. \begin{aligned} zx &= b \\ z &= \frac{b}{x} \end{aligned}$$

$$7. \begin{aligned} \frac{v}{z} &= a \\ z &= \frac{v}{a} \end{aligned}$$

$$11. \begin{aligned} zy &= x \\ z &= \frac{x}{y} \end{aligned}$$

$$4. \begin{aligned} zv &= 9 \\ z &= \frac{9}{v} \end{aligned}$$

$$8. \begin{aligned} 4z &= a \\ z &= \frac{a}{4} \end{aligned}$$

$$12. \begin{aligned} \frac{c}{z} &= y \\ z &= \frac{c}{y} \end{aligned}$$