

Rewriting Formulas (A)

Solve for u in terms of the other variables.

1. $uc = v$

5. $\frac{a}{u} = v$

9. $3u = v$

2. $y = -6u$

6. $\frac{b}{u} = c$

10. $uy = a$

3. $\frac{y}{u} = a$

7. $\frac{u}{z} = y$

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

4. $2 = \frac{u}{v}$

8. $-3u = z$

12. $uy = -10$

Rewriting Formulas (A) Answers

Solve for u in terms of the other variables.

$$1. \begin{aligned} uc &= y \\ u &= \frac{y}{c} \end{aligned}$$

$$5. \begin{aligned} \frac{a}{u} &= v \\ u &= \frac{a}{v} \end{aligned}$$

$$9. \begin{aligned} 3u &= v \\ u &= \frac{v}{3} \end{aligned}$$

$$2. \begin{aligned} y &= -6u \\ u &= -\frac{y}{6} \end{aligned}$$

$$6. \begin{aligned} \frac{b}{u} &= c \\ u &= \frac{b}{c} \end{aligned}$$

$$10. \begin{aligned} uy &= a \\ u &= \frac{a}{y} \end{aligned}$$

$$3. \begin{aligned} \frac{y}{u} &= a \\ u &= \frac{y}{a} \end{aligned}$$

$$7. \begin{aligned} \frac{u}{z} &= y \\ u &= yz \end{aligned}$$

$$11. \begin{aligned} v &= \frac{y}{u} \\ u &= \frac{y}{v} \end{aligned}$$

$$4. \begin{aligned} 2 &= \frac{u}{v} \\ u &= 2v \end{aligned}$$

$$8. \begin{aligned} -3u &= z \\ u &= -\frac{z}{3} \end{aligned}$$

$$12. \begin{aligned} uy &= -10 \\ u &= -\frac{10}{y} \end{aligned}$$