

Rewriting Formulas

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 Answers

Solve for u in terms of the other variables.

$$1. \quad uc = y \\ u = \frac{y}{c}$$

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

$$9. \quad 3u = \frac{v}{3} \\ u = \frac{v}{9}$$

$$2. \quad y = -6u \\ u = -\frac{y}{6}$$

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

$$10. \quad uy = a \\ u = \frac{a}{y}$$

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

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

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

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

$$8. \quad -3u = z \\ u = -\frac{z}{3}$$

$$12. \quad uy = -10 \\ u = -\frac{10}{y}$$