Rewriting Formulas (A)

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

1. $uc = v$

2. $y = -6u$

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

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

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

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

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

8. $-3u = z$

9. $3u = v$

10. $uy = a$

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

12. $uy = -10$
Rewriting Formulas (A) Answers

Solve for \( u \) in terms of the other variables.

1. \( uc = v \)
   \[ u = \frac{v}{c} \]

5. \( \frac{a}{u} = v \)
   \[ u = \frac{a}{v} \]

9. \( 3u = v \)
   \[ u = \frac{v}{3} \]

2. \( y = -6u \)
   \[ u = -\frac{y}{6} \]

6. \( \frac{b}{u} = c \)
   \[ u = \frac{b}{c} \]

10. \( uy = a \)
    \[ u = \frac{a}{y} \]

3. \( \frac{y}{u} = a \)
   \[ u = \frac{y}{a} \]

7. \( \frac{u}{z} = y \)
   \[ u = yz \]

11. \( v = \frac{y}{u} \)
    \[ u = \frac{v}{y} \]

4. \( 2 = \frac{u}{v} \)
   \[ u = 2v \]

8. \( -3u = z \)
   \[ u = -\frac{z}{3} \]

12. \( uy = -10 \)
    \[ u = \frac{-10}{y} \]