

Rewriting Formulas (J)

Solve for v in terms of the other variables.

1. $y - (v + b) = x$

6. $v + (-3) - b = z$

11. $v - 4 + c = u$

2. $1 - v - c = a$

7. $v + b + 9 = z$

12. $1 - v + b = y$

3. $v + a - z = 3$

8. $v + 4 - a = u$

13. $a = c - (v - y)$

4. $v + 5 + x = y$

9. $v + c + 8 = a$

14. $v + a + y = u$

5. $6 = u - (v + x)$

10. $c - v - 6 = a$

15. $v + 5 + b = c$

Rewriting Formulas (J) Answers

Solve for v in terms of the other variables.

$$\begin{aligned} 1. \quad y - (v + b) &= x \\ v &= y - x - b \end{aligned}$$

$$\begin{aligned} 6. \quad v + (-3) - b &= z \\ v &= z + b - (-3) \end{aligned}$$

$$\begin{aligned} 11. \quad v - 4 + c &= u \\ v &= u - c + 4 \end{aligned}$$

$$\begin{aligned} 2. \quad 1 - v - c &= a \\ v &= 1 - (a + c) \end{aligned}$$

$$\begin{aligned} 7. \quad v + b + 9 &= z \\ v &= z - 9 - b \end{aligned}$$

$$\begin{aligned} 12. \quad 1 - v + b &= y \\ v &= 1 - (y - b) \end{aligned}$$

$$\begin{aligned} 3. \quad v + a - z &= 3 \\ v &= 3 + z - a \end{aligned}$$

$$\begin{aligned} 8. \quad v + 4 - a &= u \\ v &= u + a - 4 \end{aligned}$$

$$\begin{aligned} 13. \quad a &= c - (v - y) \\ v &= c - a + y \end{aligned}$$

$$\begin{aligned} 4. \quad v + 5 + x &= y \\ v &= y - x - 5 \end{aligned}$$

$$\begin{aligned} 9. \quad v + c + 8 &= a \\ v &= a - 8 - c \end{aligned}$$

$$\begin{aligned} 14. \quad v + a + y &= u \\ v &= u - y - a \end{aligned}$$

$$\begin{aligned} 5. \quad 6 &= u - (v + x) \\ v &= u - 6 - x \end{aligned}$$

$$\begin{aligned} 10. \quad c - v - 6 &= a \\ v &= c - (a + 6) \end{aligned}$$

$$\begin{aligned} 15. \quad v + 5 + b &= c \\ v &= c - b - 5 \end{aligned}$$