

Rewriting Formulas (F)

Solve for y in terms of the other variables.

1. $y + c - z = u$

6. $7 = y - x + a$

11. $u - y + b = x$

2. $z = y - u - x$

7. $a = v - y + c$

12. $y + z + u = c$

3. $y + 2 + x = a$

8. $z = u - (y + v)$

13. $y - c + u = b$

4. $y + x + z = v$

9. $y + v + z = c$

14. $c - (y + 2) = x$

5. $1 - (y + x) = z$

10. $y - a - b = c$

15. $y + a - x = b$

Rewriting Formulas (F) Answers

Solve for y in terms of the other variables.

$$\begin{aligned} 1. \quad y + c - z &= u \\ y &= u + z - c \end{aligned}$$

$$\begin{aligned} 6. \quad 7 &= y - x + a \\ y &= 7 - a + x \end{aligned}$$

$$\begin{aligned} 11. \quad u - y + b &= x \\ y &= u - (x - b) \end{aligned}$$

$$\begin{aligned} 2. \quad z &= y - u - x \\ y &= z + x + u \end{aligned}$$

$$\begin{aligned} 7. \quad a &= v - y + c \\ y &= v - (a - c) \end{aligned}$$

$$\begin{aligned} 12. \quad y + z + u &= c \\ y &= c - u - z \end{aligned}$$

$$\begin{aligned} 3. \quad y + 2 + x &= a \\ y &= a - x - 2 \end{aligned}$$

$$\begin{aligned} 8. \quad z &= u - (y + v) \\ y &= u - z - v \end{aligned}$$

$$\begin{aligned} 13. \quad y - c + u &= b \\ y &= b - u + c \end{aligned}$$

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

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

$$\begin{aligned} 14. \quad c - (y + 2) &= x \\ y &= c - x - 2 \end{aligned}$$

$$\begin{aligned} 5. \quad 1 - (y + x) &= z \\ y &= 1 - z - x \end{aligned}$$

$$\begin{aligned} 10. \quad y - a - b &= c \\ y &= c + b + a \end{aligned}$$

$$\begin{aligned} 15. \quad y + a - x &= b \\ y &= b + x - a \end{aligned}$$