

Evaluating Expressions (C)

Evaluate each expression using the values given.

1. $(c - c)^2 + b + 1$
($c = 10, b = 5$)

6. $v^3 - (10 - 9) \cdot b$
($b = 7, v = 4$)

2. $b - (5 + 4 - a) \div b$
($a = 7, b = 5$)

7. $c \div (b \div y \cdot 2 \div 6)$
($y = 8, c = 4, b = 2$)

3. $b(b^4 + c - x)$
($x = 4, c = 6, b = 2$)

8. $(v - (y - y)) \div (9 \div 3)$
($y = 9, v = 3$)

4. $c + (c - c + v) \cdot 5$
($c = 8, v = 8$)

9. $c + y(a - (y - c))$
($y = 7, a = 5, c = 3$)

5. $10 \div 2 \cdot 7 \div v \cdot 5$
($v = 10$)

10. $(y - (6 - (4 + 1)))^3$
($y = 4$)

Evaluating Expressions (C) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & (c - c)^2 + b + 1 \\ & (c = 10, b = 5) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 6. & v^3 - (10 - 9) \cdot b \\ & (b = 7, v = 4) \\ & = 57 \end{aligned}$$

$$\begin{aligned} 2. & b - (5 + 4 - a) \div b \\ & (a = 7, b = 5) \\ & = \frac{23}{5} \end{aligned}$$

$$\begin{aligned} 7. & c \div (b \div y \cdot 2 \div 6) \\ & (y = 8, c = 4, b = 2) \\ & = 48 \end{aligned}$$

$$\begin{aligned} 3. & b(b^4 + c - x) \\ & (x = 4, c = 6, b = 2) \\ & = 36 \end{aligned}$$

$$\begin{aligned} 8. & (v - (y - y)) \div (9 \div 3) \\ & (y = 9, v = 3) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 4. & c + (c - c + v) \cdot 5 \\ & (c = 8, v = 8) \\ & = 48 \end{aligned}$$

$$\begin{aligned} 9. & c + y(a - (y - c)) \\ & (y = 7, a = 5, c = 3) \\ & = 10 \end{aligned}$$

$$\begin{aligned} 5. & 10 \div 2 \cdot 7 \div v \cdot 5 \\ & (v = 10) \\ & = \frac{35}{2} \end{aligned}$$

$$\begin{aligned} 10. & (y - (6 - (4 + 1)))^3 \\ & (y = 4) \\ & = 27 \end{aligned}$$