

Evaluating Expressions (C)

Evaluate each expression using the values given.

1. $10 \div 1 \div c \cdot c$
($c = 4$)

6. $z + 6 \div z - z$
($z = 1$)

11. $v + 5 - x \div x$
($x = 6, v = 4$)

2. $(b + 9 - 1)^2$
($b = 1$)

7. $y - b \div 4 \cdot b$
($y = 10, b = 5$)

12. $10(9 - y) + z$
($y = 4, z = 4$)

3. $4 + u^2 \div v$
($u = 7, v = 1$)

8. $u \div (6u + 2)$
($u = 4$)

13. $v + x(9 - x)$
($x = 4, v = 6$)

4. $8v - v - v$
($v = 5$)

9. $x(6 \cdot 6 + x)$
($x = 1$)

14. $(y - y \div 3) \cdot y$
($y = 2$)

5. $4 \cdot 2^3 \cdot b$
($b = 1$)

10. $b - (u + u \div b)$
($b = 6, u = 2$)

15. $a \cdot 6 \div (x - a)$
($a = 8, x = 10$)

Evaluating Expressions (C) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & 10 \div 1 \div c \cdot c \\ & (c = 4) \\ & = 10 \end{aligned}$$

$$\begin{aligned} 6. & z + 6 \div z - z \\ & (z = 1) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 11. & v + 5 - x \div x \\ & (x = 6, v = 4) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 2. & (b + 9 - 1)^2 \\ & (b = 1) \\ & = 81 \end{aligned}$$

$$\begin{aligned} 7. & y - b \div 4 \cdot b \\ & (y = 10, b = 5) \\ & = \frac{15}{4} \end{aligned}$$

$$\begin{aligned} 12. & 10(9 - y) + z \\ & (y = 4, z = 4) \\ & = 54 \end{aligned}$$

$$\begin{aligned} 3. & 4 + u^2 \div v \\ & (u = 7, v = 1) \\ & = 53 \end{aligned}$$

$$\begin{aligned} 8. & u \div (6u + 2) \\ & (u = 4) \\ & = \frac{2}{13} \end{aligned}$$

$$\begin{aligned} 13. & v + x(9 - x) \\ & (x = 4, v = 6) \\ & = 50 \end{aligned}$$

$$\begin{aligned} 4. & 8v - v - v \\ & (v = 5) \\ & = 30 \end{aligned}$$

$$\begin{aligned} 9. & x(6 \cdot 6 + x) \\ & (x = 1) \\ & = 37 \end{aligned}$$

$$\begin{aligned} 14. & (y - y \div 3) \cdot y \\ & (y = 2) \\ & = \frac{8}{3} \end{aligned}$$

$$\begin{aligned} 5. & 4 \cdot 2^3 \cdot b \\ & (b = 1) \\ & = 32 \end{aligned}$$

$$\begin{aligned} 10. & b - (u + u \div b) \\ & (b = 6, u = 2) \\ & = \frac{11}{3} \end{aligned}$$

$$\begin{aligned} 15. & a \cdot 6 \div (x - a) \\ & (a = 8, x = 10) \\ & = 24 \end{aligned}$$