

Evaluar Expresiones (C)

Evalúe cada expresión usando los valores dados.

1. $((9 \div z - 4z) \cdot z)^2$
($z = 1$)

5. $a \div (c \div c) - 6 + 6c$
($a = 9, c = 2$)

9. $3 \div y(y - y) + 6y$
($y = 10$)

2. $6 + x - x \div 7(b - b)$
($x = 3, b = 9$)

6. $3 + (9 - x) \cdot (x - x)^3$
($x = 1$)

10. $(z - (3 - 3) \div z) \div (2z)$
($z = 5$)

3. $8 - b \div 3(8 - x) \div 3$
($x = 8, b = 2$)

7. $(v - (3 - b)) \cdot v \div b - v$
($b = 2, v = 8$)

11. $v + 10 \div (8 + a - 2) \cdot a$
($a = 9, v = 7$)

4. $(a + 7y) \div (9v \div y)$
($a = 4, y = 8, v = 2$)

8. $a - 3 + (10 - 6) \div (7 \div a)$
($a = 8$)

12. $(y + u - (y^3)^4) \div 10$
($y = 1, u = 3$)

Evaluar Expresiones (C) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & ((9 \div z - 4z) \cdot z)^2 \\ & (z = 1) \\ & = 25 \end{aligned}$$

$$\begin{aligned} 5. & a \div (c \div c) - 6 + 6c \\ & (a = 9, c = 2) \\ & = 15 \end{aligned}$$

$$\begin{aligned} 9. & 3 \div y(y - y) + 6y \\ & (y = 10) \\ & = 60 \end{aligned}$$

$$\begin{aligned} 2. & 6 + x - x \div 7(b - b) \\ & (x = 3, b = 9) \\ & = 9 \end{aligned}$$

$$\begin{aligned} 6. & 3 + (9 - x) \cdot (x - x)^3 \\ & (x = 1) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 10. & (z - (3 - 3) \div z) \div \\ & (2z) \\ & (z = 5) \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 3. & 8 - b \div 3(8 - x) \div 3 \\ & (x = 8, b = 2) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 7. & (v - (3 - b)) \cdot v \div b - v \\ & (b = 2, v = 8) \\ & = 20 \end{aligned}$$

$$\begin{aligned} 11. & v + 10 \div (8 + a - 2) \cdot a \\ & (a = 9, v = 7) \\ & = 13 \end{aligned}$$

$$\begin{aligned} 4. & (a + 7y) \div (9v \div y) \\ & (a = 4, y = 8, v = 2) \\ & = \frac{80}{3} \end{aligned}$$

$$\begin{aligned} 8. & a - 3 + (10 - 6) \div \\ & (7 \div a) \\ & (a = 8) \\ & = \frac{67}{7} \end{aligned}$$

$$\begin{aligned} 12. & (y + u - (y^3)^4) \div 10 \\ & (y = 1, u = 3) \\ & = \frac{3}{10} \end{aligned}$$