

Evaluar Expresiones (D)

Evalúe cada expresión usando los valores dados.

1. $10 \div 10^2 \cdot a \div (6 - 3)$
($a = 3$)

5. $a - u \div (u + v(u + 2))$
($a = 1, u = 1, v = 7$)

9. $(1 + 10 - y) \div (2 + 10 - 9)$
($y = 9$)

2. $x \cdot 2^4 - (z + 3^2)$
($x = 3, z = 7$)

6. $3c \div (c + z) \cdot c \div u$
($c = 7, z = 3, u = 3$)

10. $4y + a - y(z - z)$
($y = 10, a = 9, z = 8$)

3. $\left((3 - (4 - a \div a))^3 \right)^4$
($a = 5$)

7. $b - z(10 + b) - 10 \div b$
($b = 10, z = 6$)

11. $5z - (y + a) - (z + 7)$
($y = 1, a = 10, z = 10$)

4. $z \cdot (9 - z) \cdot z \div v \div z$
($z = 6, v = 9$)

8. $(7 - z) \div (5 \cdot 7 + x - a)$
($a = 9, x = 10, z = 4$)

12. $u \div 3 + u \div (c + b) \cdot 3$
($c = 3, b = 1, u = 8$)

Evaluar Expresiones (D) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & 10 \div 10^2 \cdot a \div (6 - 3) \\ & (a = 3) \\ & = \frac{1}{10} \end{aligned}$$

$$\begin{aligned} 5. & a - u \div (u + v(u + 2)) \\ & (a = 1, u = 1, v = 7) \\ & = \frac{23}{24} \end{aligned}$$

$$\begin{aligned} 9. & (1 + 10 - y) \div \\ & (2 + 10 - 9) \\ & (y = 9) \\ & = \frac{2}{3} \end{aligned}$$

$$\begin{aligned} 2. & x \cdot 2^4 - (z + 3^2) \\ & (x = 3, z = 7) \\ & = 32 \end{aligned}$$

$$\begin{aligned} 6. & 3c \div (c + z) \cdot c \div u \\ & (c = 7, z = 3, u = 3) \\ & = \frac{49}{10} \end{aligned}$$

$$\begin{aligned} 10. & 4y + a - y(z - z) \\ & (y = 10, a = 9, z = 8) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 3. & \left((3 - (4 - a \div a))^3 \right)^4 \\ & (a = 5) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 7. & b - z(10 + b) - 10 \div b \\ & (b = 10, z = 6) \\ & = 79 \end{aligned}$$

$$\begin{aligned} 11. & 5z - (y + a) - (z + 7) \\ & (y = 1, a = 10, z = 10) \\ & = 22 \end{aligned}$$

$$\begin{aligned} 4. & z \cdot (9 - z) \cdot z \div v \div z \\ & (z = 6, v = 9) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 8. & (7 - z) \div (5 \cdot 7 + x - a) \\ & (a = 9, x = 10, z = 4) \\ & = \frac{1}{12} \end{aligned}$$

$$\begin{aligned} 12. & u \div 3 + u \div (c + b) \cdot 3 \\ & (c = 3, b = 1, u = 8) \\ & = \frac{26}{3} \end{aligned}$$