

Evaluar Expresiones (A)

Evalúe cada expresión usando los valores dados.

- $$\frac{y \cdot b \div (v \div v) \div (10 - b)}{(y = 7, b = 3, v = 7)}$$
- $$2a \cdot 3 \div v - 3 \div a$$

$(a = 9, v = 8)$
- $$y \div (u \div (1^4 \cdot y) \cdot 7)$$

$(y = 4, u = 4)$
- $$c \cdot (5 - 5)^2 (10 - 4)$$

$(c = 5)$
- $$7 + 9 + b + 7 - (b + u)$$

$(b = 4, u = 2)$
- $$a - z + 7 + a + 8 + z$$

$(a = 10, z = 7)$
- $$x \cdot x - 5 \cdot 6 \cdot 3 \div 4$$

$(x = 5)$
- $$uz(z - u) + y + u$$

$(y = 10, z = 5, u = 3)$
- $$5y \div ((2 - 10 \div y) \cdot y)$$

$(y = 7)$
- $$b \div (b \cdot 5 \div (2 + 4 - 5))$$

$(b = 7)$
- $$4 + 10 - u - u(z - z)$$

$(z = 8, u = 10)$
- $$(z - z^3 - (6 - 6))^2$$

$(z = 1)$

Evaluar Expresiones (A) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & \frac{y \cdot b \div (v \div v) \div (10 - b)}{(y = 7, b = 3, v = 7)} \\ & = 3 \end{aligned}$$

$$\begin{aligned} 5. & 7 + 9 + b + 7 - (b + u) \\ & (b = 4, u = 2) \\ & = 21 \end{aligned}$$

$$\begin{aligned} 9. & 5y \div ((2 - 10 \div y) \cdot y) \\ & (y = 7) \\ & = \frac{35}{4} \end{aligned}$$

$$\begin{aligned} 2. & \frac{2a \cdot 3 \div v - 3 \div a}{(a = 9, v = 8)} \\ & = \frac{77}{12} \end{aligned}$$

$$\begin{aligned} 6. & a - z + 7 + a + 8 + z \\ & (a = 10, z = 7) \\ & = 35 \end{aligned}$$

$$\begin{aligned} 10. & b \div (b \cdot 5 \div (2 + 4 - 5)) \\ & (b = 7) \\ & = \frac{1}{5} \end{aligned}$$

$$\begin{aligned} 3. & y \div (u \div (1^4 \cdot y) \cdot 7) \\ & (y = 4, u = 4) \\ & = \frac{4}{7} \end{aligned}$$

$$\begin{aligned} 7. & x \cdot x - 5 \cdot 6 \cdot 3 \div 4 \\ & (x = 5) \\ & = \frac{5}{2} \end{aligned}$$

$$\begin{aligned} 11. & 4 + 10 - u - u(z - z) \\ & (z = 8, u = 10) \\ & = 4 \end{aligned}$$

$$\begin{aligned} 4. & c \cdot (5 - 5)^2 (10 - 4) \\ & (c = 5) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 8. & uz(z - u) + y + u \\ & (y = 10, z = 5, u = 3) \\ & = 43 \end{aligned}$$

$$\begin{aligned} 12. & (z - z^3 - (6 - 6))^2 \\ & (z = 1) \\ & = 0 \end{aligned}$$

Evaluar Expresiones (B)

Evalúe cada expresión usando los valores dados.

1. $6 - (1 - 3 \div (u + 7 - 10))$
($u = 10$)

5. $v - (a - (7 - a) \div (c + 1))$
($a = 4, c = 10, v = 10$)

9. $(5 \div 5 \cdot y - v \div z)^2$
($y = 2, z = 3, v = 4$)

2. $(u - v) \cdot v \div (x \div x \div u)$
($x = 8, u = 4, v = 1$)

6. $(x - x)^4 \div (5 - 3) \cdot a$
($a = 3, x = 2$)

10. $u \div (x^3 \div 4 - (3 - b))$
($x = 1, b = 3, u = 1$)

3. $x \cdot (1 + 5 + 4) \div (8u)$
($x = 2, u = 1$)

7. $(v - (b - b)) \div (b \div (z + v))$
($b = 6, z = 2, v = 10$)

11. $2(9 + 5) \div 1 + 4 \div z$
($z = 4$)

4. $z(2 - (x - 6)^3) \div 7$
($x = 7, z = 7$)

8. $3(5 \cdot 3 \div x - x + x)$
($x = 3$)

12. $10 + x - 5 - 8 \div x \cdot 5$
($x = 6$)

Evaluar Expresiones (B) Respuestas

Evalúe cada expresión usando los valores dados.

- $6 - (1 - 3 \div (u + 7 - 10))$
($u = 10$)
 $= \frac{38}{7}$
- $(u - v) \cdot v \div (x \div x \div u)$
($x = 8, u = 4, v = 1$)
 $= 12$
- $x \cdot (1 + 5 + 4) \div (8u)$
($x = 2, u = 1$)
 $= \frac{5}{2}$
- $z \left(2 - (x - 6)^3 \right) \div 7$
($x = 7, z = 7$)
 $= 1$
- $v - (a - (7 - a) \div (c + 1))$
($a = 4, c = 10, v = 10$)
 $= \frac{69}{11}$
- $(x - x)^4 \div (5 - 3) \cdot a$
($a = 3, x = 2$)
 $= 0$
- $(v - (b - b)) \div (b \div (z + v))$
($b = 6, z = 2, v = 10$)
 $= 20$
- $3(5 \cdot 3 \div x - x + x)$
($x = 3$)
 $= 15$
- $(5 \div 5 \cdot y - v \div z)^2$
($y = 2, z = 3, v = 4$)
 $= \frac{4}{9}$
- $u \div (x^3 \div 4 - (3 - b))$
($x = 1, b = 3, u = 1$)
 $= 4$
- $2(9 + 5) \div 1 + 4 \div z$
($z = 4$)
 $= 29$
- $10 + x - 5 - 8 \div x \cdot 5$
($x = 6$)
 $= \frac{13}{3}$

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.

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

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

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

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

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

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

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

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

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

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

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

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

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.

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

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

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

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

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

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

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

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

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

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

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

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

Evaluar Expresiones (E)

Evalúe cada expresión usando los valores dados.

1. $u + 6(9 + x \div 1 - x)$
($x = 1, u = 5$)

5. $10v \div 2 \cdot 1 \div (a \div 4)$
($a = 3, v = 2$)

9. $(3 + 7 \div 1) \cdot (c \div c)^3$
($c = 10$)

2. $(b - (2 + b - b)) \cdot z - b$
($b = 6, z = 5$)

6. $8y - b + 9 \div (9 \div b)$
($y = 10, b = 7$)

10. $ua - (7 - 6) - (y + u)$
($a = 6, y = 8, u = 5$)

3. $(1 + c) \cdot 6 \div 4 \cdot c \div 5$
($c = 2$)

7. $(9 + 2) \cdot b(b - 1) \div b$
($b = 8$)

11. $x(x - x) \div (4 \cdot 3x)$
($x = 8$)

4. $(v - (1^3 + 3))^2 \div v$
($v = 8$)

8. $9 \div 6 \cdot b^2 - b \div b$
($b = 4$)

12. $6x \div (10 - u(z - x))$
($x = 3, z = 4, u = 4$)

Evaluar Expresiones (E) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & u + 6(9 + x \div 1 - x) \\ & (x = 1, u = 5) \\ & = 99 \end{aligned}$$

$$\begin{aligned} 5. & 10v \div 2 \cdot 1 \div (a \div 4) \\ & (a = 3, v = 2) \\ & = \frac{40}{3} \end{aligned}$$

$$\begin{aligned} 9. & (3 + 7 \div 1) \cdot (c \div c)^3 \\ & (c = 10) \\ & = 10 \end{aligned}$$

$$\begin{aligned} 2. & (b - (2 + b - b)) \cdot z - b \\ & (b = 6, z = 5) \\ & = 14 \end{aligned}$$

$$\begin{aligned} 6. & 8y - b + 9 \div (9 \div b) \\ & (y = 10, b = 7) \\ & = 80 \end{aligned}$$

$$\begin{aligned} 10. & ua - (7 - 6) - (y + u) \\ & (a = 6, y = 8, u = 5) \\ & = 16 \end{aligned}$$

$$\begin{aligned} 3. & (1 + c) \cdot 6 \div 4 \cdot c \div 5 \\ & (c = 2) \\ & = \frac{9}{5} \end{aligned}$$

$$\begin{aligned} 7. & (9 + 2) \cdot b(b - 1) \div b \\ & (b = 8) \\ & = 77 \end{aligned}$$

$$\begin{aligned} 11. & x(x - x) \div (4 \cdot 3x) \\ & (x = 8) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 4. & (v - (1^3 + 3))^2 \div v \\ & (v = 8) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 8. & 9 \div 6 \cdot b^2 - b \div b \\ & (b = 4) \\ & = 23 \end{aligned}$$

$$\begin{aligned} 12. & 6x \div (10 - u(z - x)) \\ & (x = 3, z = 4, u = 4) \\ & = 3 \end{aligned}$$

Evaluar Expresiones (F)

Evalúe cada expresión usando los valores dados.

1. $5c \div (2^2 + 3 + c)$
($c = 10$)

5. $5 - c + (z \div (4 \cdot 6))^3$
($c = 2, z = 8$)

9. $7 + 5 - (u - v) - 1 \div 1$
($u = 8, v = 5$)

2. $(v - x \div 9) \cdot 10 -$
 $(z - z)$
($x = 9, z = 5, v = 7$)

6. $(5 + y)^2 \div (z \cdot 2 \cdot 2)$
($y = 9, z = 4$)

10. $9 - u^2 - (u - 1) \cdot 9$
($u = 1$)

3. $u \div (u + 6 + u \cdot u \cdot u)$
($u = 3$)

7. $8 + 1^4 - (10 \div v + c)$
($c = 4, v = 6$)

11. $3^4 \div (a + z - z) \cdot a$
($a = 7, z = 10$)

4. $z \div (6 \div b) + z - 3 + 4$
($z = 6, b = 5$)

8. $10(7 - (a - 7) + x - v)$
($a = 10, x = 3, v = 1$)

12. $(x + a) \cdot x \div 7 - (3 + x)$
($a = 5, x = 9$)

Evaluar Expresiones (F) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & 5c \div (2^2 + 3 + c) \\ & (c = 10) \\ & = \frac{50}{17} \end{aligned}$$

$$\begin{aligned} 5. & 5 - c + (z \div (4 \cdot 6))^3 \\ & (c = 2, z = 8) \\ & = \frac{82}{27} \end{aligned}$$

$$\begin{aligned} 9. & 7 + 5 - (u - v) - 1 \div 1 \\ & (u = 8, v = 5) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 2. & (v - x \div 9) \cdot 10 - \\ & (z - z) \\ & (x = 9, z = 5, v = 7) \\ & = 60 \end{aligned}$$

$$\begin{aligned} 6. & (5 + y)^2 \div (z \cdot 2 \cdot 2) \\ & (y = 9, z = 4) \\ & = \frac{49}{4} \end{aligned}$$

$$\begin{aligned} 10. & 9 - u^2 - (u - 1) \cdot 9 \\ & (u = 1) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 3. & u \div (u + 6 + u \cdot u \cdot u) \\ & (u = 3) \\ & = \frac{1}{12} \end{aligned}$$

$$\begin{aligned} 7. & 8 + 1^4 - (10 \div v + c) \\ & (c = 4, v = 6) \\ & = \frac{10}{3} \end{aligned}$$

$$\begin{aligned} 11. & 3^4 \div (a + z - z) \cdot a \\ & (a = 7, z = 10) \\ & = 81 \end{aligned}$$

$$\begin{aligned} 4. & z \div (6 \div b) + z - 3 + 4 \\ & (z = 6, b = 5) \\ & = 12 \end{aligned}$$

$$\begin{aligned} 8. & 10(7 - (a - 7) + x - v) \\ & (a = 10, x = 3, v = 1) \\ & = 60 \end{aligned}$$

$$\begin{aligned} 12. & (x + a) \cdot x \div 7 - (3 + x) \\ & (a = 5, x = 9) \\ & = 6 \end{aligned}$$

Evaluar Expresiones (G)

Evalúe cada expresión usando los valores dados.

1. $u - x + (8 - x \div u) \div b$
($x = 1, b = 5, u = 3$)

5. $(v - (v - v \div (v \div 4)))^3$
($v = 4$)

9. $y - (ay + a - a) \cdot a$
($y = 6, a = 1$)

2. $xv - x + x \div (x \div v)$
($x = 3, v = 1$)

6. $(z - z)^2 \div z \div z \cdot 3$
($z = 6$)

10. $x + b - 4 - (x - (10 - b))$
($x = 8, b = 4$)

3. $3^3 + y^2 \div v + 7$
($y = 3, v = 3$)

7. $8u + b - 5 + v + u$
($b = 5, u = 5, v = 10$)

11. $x - x(x - y) \cdot y + 3$
($y = 6, x = 7$)

4. $8(v + c) - v \div$
($v \div 10$)
($c = 2, v = 5$)

8. $(z + v) \div v \cdot 10 -$
($6 + 5$)
($z = 5, v = 8$)

12. $zu \div u + u(z + u)$
($z = 4, u = 7$)

Evaluar Expresiones (G) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & u - x + (8 - x \div u) \div b \\ & (x = 1, b = 5, u = 3) \\ & = \frac{53}{15} \end{aligned}$$

$$\begin{aligned} 5. & (v - (v - v \div (v \div 4)))^3 \\ & (v = 4) \\ & = 64 \end{aligned}$$

$$\begin{aligned} 9. & y - (ay + a - a) \cdot a \\ & (y = 6, a = 1) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 2. & xv - x + x \div (x \div v) \\ & (x = 3, v = 1) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 6. & (z - z)^2 \div z \div z \cdot 3 \\ & (z = 6) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 10. & x + b - 4 - (x - (10 - b)) \\ & (x = 8, b = 4) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 3. & 3^3 + y^2 \div v + 7 \\ & (y = 3, v = 3) \\ & = 37 \end{aligned}$$

$$\begin{aligned} 7. & 8u + b - 5 + v + u \\ & (b = 5, u = 5, v = 10) \\ & = 55 \end{aligned}$$

$$\begin{aligned} 11. & x - x(x - y) \cdot y + 3 \\ & (y = 6, x = 7) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 4. & 8(v + c) - v \div \\ & (v \div 10) \\ & (c = 2, v = 5) \\ & = 46 \end{aligned}$$

$$\begin{aligned} 8. & (z + v) \div v \cdot 10 - \\ & (6 + 5) \\ & (z = 5, v = 8) \\ & = \frac{21}{4} \end{aligned}$$

$$\begin{aligned} 12. & zu \div u + u(z + u) \\ & (z = 4, u = 7) \\ & = 81 \end{aligned}$$

Evaluar Expresiones (H)

Evalúe cada expresión usando los valores dados.

1. $\frac{(b+1-3)}{(b \div b)} \cdot b \div$ 5. $\left(\frac{(z-2)^2 - (4+10)}{(z=6)}\right)^4$ 9. $\frac{(v-8) \div 2^2 \div (v-1)}{(v=8)}$

2. $3 \div (a+x \cdot x \cdot a-x)$ 6. $\frac{(c \div 3 - (5 - (u-1))) \div}{6}$ 10. $\frac{vy+4 - (y+v) + v}{(y=2, v=10)}$
($a=8, x=1$) ($c=1, u=6$)

3. $b+3 - (8-7) \div z - 3$ 7. $x \div (9-zv) - 2 \div 4$ 11. $(10 - ba \div 3) \cdot 3^2$
($b=4, z=4$) ($x=2, z=1, v=7$) ($a=4, b=7$)

4. $(4+u - (7-y) - b)^3$ 8. $u \cdot c (c^4 + 3u)$ 12. $(c \div y)^2 \cdot b \div (3-2)$
($y=6, b=5, u=6$) ($c=2, u=1$) ($y=6, c=6, b=3$)

Evaluar Expresiones (H) Respuestas

Evalúe cada expresión usando los valores dados.

$$1. \frac{(b+1-3) \cdot b}{(b \div b)} \div (b=4) = 8$$

$$5. \left((z-2)^2 - (4+10) \right)^4 \div (z=6) = 16$$

$$9. (v-8) \div 2^2 \div (v-1) \div (v=8) = 0$$

$$2. 3 \div (a+x \cdot x \cdot a-x) \div (a=8, x=1) = \frac{1}{5}$$

$$6. \frac{(c \div 3 - (5 - (u - 1)))}{6} \div (c=1, u=6) = \frac{1}{18}$$

$$10. vy + 4 - (y + v) + v \div (y=2, v=10) = 22$$

$$3. b + 3 - (8 - 7) \div z - 3 \div (b=4, z=4) = \frac{15}{4}$$

$$7. x \div (9 - zv) - 2 \div 4 \div (x=2, z=1, v=7) = \frac{1}{2}$$

$$11. (10 - ba \div 3) \cdot 3^2 \div (a=4, b=7) = 6$$

$$4. (4 + u - (7 - y) - b)^3 \div (y=6, b=5, u=6) = 64$$

$$8. u \cdot c (c^4 + 3u) \div (c=2, u=1) = 38$$

$$12. (c \div y)^2 \cdot b \div (3 - 2) \div (y=6, c=6, b=3) = 3$$

Evaluar Expresiones (I)

Evalúe cada expresión usando los valores dados.

1. $(x - x) \cdot 9 + x + 3 + c$
($x = 10, c = 1$)

5. $(y \cdot 3(1 - y \div 2))^3$
($y = 2$)

9. $((z - z) \div z)^2(10 - y)$
($y = 9, z = 8$)

2. $10 + u - (a - 3) \div u -$
 u
($a = 10, u = 4$)

6. $10 + 3 - 1 + 5 - x - 10$
($x = 4$)

10. $4 \cdot 6 - 4 + (b - 5)^4$
($b = 7$)

3. $v \div ((5 - 1) \div z \cdot z \cdot v)$
($z = 8, v = 4$)

7. $u - (10 \div 5 - 1) -$
 $(z - z)$
($z = 1, u = 5$)

11. $(x - x) \div (7 + 6)(8 + x)$
($x = 8$)

4. $(b - b) \cdot (10b \div 4)^4$
($b = 8$)

8. $b + 4 - b + b + 4^3$
($b = 8$)

12. $4 + x + 9 - (x + 5 + x)$
($x = 1$)

Evaluar Expresiones (I) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & (x-x) \cdot 9 + x + 3 + c \\ & (x=10, c=1) \\ & = 14 \end{aligned}$$

$$\begin{aligned} 5. & (y \cdot 3(1 - y \div 2))^3 \\ & (y=2) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 9. & ((z-z) \div z)^2 (10-y) \\ & (y=9, z=8) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 2. & 10 + u - (a-3) \div u - \\ & u \\ & (a=10, u=4) \\ & = \frac{33}{4} \end{aligned}$$

$$\begin{aligned} 6. & 10 + 3 - 1 + 5 - x - 10 \\ & (x=4) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 10. & 4 \cdot 6 - 4 + (b-5)^4 \\ & (b=7) \\ & = 36 \end{aligned}$$

$$\begin{aligned} 3. & v \div ((5-1) \div z \cdot z \cdot v) \\ & (z=8, v=4) \\ & = \frac{1}{4} \end{aligned}$$

$$\begin{aligned} 7. & u - (10 \div 5 - 1) - \\ & (z-z) \\ & (z=1, u=5) \\ & = 4 \end{aligned}$$

$$\begin{aligned} 11. & (x-x) \div (7+6)(8+x) \\ & (x=8) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 4. & (b-b) \cdot (10b \div 4)^4 \\ & (b=8) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 8. & b + 4 - b + b + 4^3 \\ & (b=8) \\ & = 76 \end{aligned}$$

$$\begin{aligned} 12. & 4 + x + 9 - (x + 5 + x) \\ & (x=1) \\ & = 7 \end{aligned}$$

Evaluar Expresiones (J)

Evalúe cada expresión usando los valores dados.

1. $8 \div 6 - a \div b - (5 - 4)$
($a = 1, b = 5$)

5. $4c \div u^2 \cdot u^3$
($c = 6, u = 4$)

9. $5 - \left((u(u-u))^3 \right)^3$
($u = 5$)

2. $(6+z) \div ((9-z+x) \div x)$
($x = 7, z = 8$)

6. $(4+1) \cdot 9 \div y \div (5c)$
($y = 7, c = 9$)

10. $8 \div ((b-10 \div b) \div (c \div c))$
($c = 8, b = 5$)

3. $3 \cdot (a-a) \cdot (y-c)^4$
($a = 1, y = 8, c = 3$)

7. $(x+a) \div (x \cdot x \div 6 - x)$
($a = 8, x = 8$)

11. $(b-2) \div b + b + 2^3$
($b = 10$)

4. $3y \cdot y \cdot v \div v \cdot 3$
($y = 3, v = 9$)

8. $a \div (6z) - (c-c) \cdot 10$
($a = 4, c = 9, z = 7$)

12. $2 \cdot 5 \div ((3 - (x-x)) \div 2)$
($x = 3$)

Evaluar Expresiones (J) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & 8 \div 6 - a \div b - (5 - 4) \\ & (a = 1, b = 5) \\ & = \frac{2}{15} \end{aligned}$$

$$\begin{aligned} 5. & 4c \div u^2 \cdot u^3 \\ & (c = 6, u = 4) \\ & = 96 \end{aligned}$$

$$\begin{aligned} 9. & 5 - \left((u(u-u))^3 \right)^3 \\ & (u = 5) \\ & = 5 \end{aligned}$$

$$\begin{aligned} 2. & (6+z) \div ((9-z+x) \div x) \\ & (x = 7, z = 8) \\ & = \frac{49}{4} \end{aligned}$$

$$\begin{aligned} 6. & (4+1) \cdot 9 \div y \div (5c) \\ & (y = 7, c = 9) \\ & = \frac{1}{7} \end{aligned}$$

$$\begin{aligned} 10. & 8 \div ((b - 10 \div b) \div (c \div c)) \\ & (c = 8, b = 5) \\ & = \frac{8}{3} \end{aligned}$$

$$\begin{aligned} 3. & 3 \cdot (a - a) \cdot (y - c)^4 \\ & (a = 1, y = 8, c = 3) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 7. & (x + a) \div (x \cdot x \div 6 - x) \\ & (a = 8, x = 8) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 11. & (b - 2) \div b + b + 2^3 \\ & (b = 10) \\ & = \frac{94}{5} \end{aligned}$$

$$\begin{aligned} 4. & 3y \cdot y \cdot v \div v \cdot 3 \\ & (y = 3, v = 9) \\ & = 81 \end{aligned}$$

$$\begin{aligned} 8. & a \div (6z) - (c - c) \cdot 10 \\ & (a = 4, c = 9, z = 7) \\ & = \frac{2}{21} \end{aligned}$$

$$\begin{aligned} 12. & 2 \cdot 5 \div ((3 - (x - x)) \div 2) \\ & (x = 3) \\ & = \frac{20}{3} \end{aligned}$$