

Evaluar Expresiones (A)

Evalúe cada expresión usando los valores dados.

1. $(y - b) \cdot b$
($y = 6, b = 1$)

5. $c + v \div 8$
($c = 8, v = 9$)

9. $4^3 + u$
($u = 7$)

2. $9 + z - 1$
($z = 1$)

6. $u \cdot 3 \cdot 5$
($u = 5$)

10. $a + 1 - 6$
($a = 10$)

3. $c \cdot 8 \div 9$
($c = 4$)

7. $9 - (x - 7)$
($x = 10$)

11. $(4 - b)^4$
($b = 1$)

4. $v(v - 2)$
($v = 4$)

8. $(y - 2) \cdot y$
($y = 4$)

12. $v(2 + v)$
($v = 6$)

Evaluar Expresiones (A) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & (y - b) \cdot b \\ & (y = 6, b = 1) \\ & = 5 \end{aligned}$$

$$\begin{aligned} 5. & c + v \div 8 \\ & (c = 8, v = 9) \\ & = \frac{73}{8} \end{aligned}$$

$$\begin{aligned} 9. & 4^3 + u \\ & (u = 7) \\ & = 71 \end{aligned}$$

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

$$\begin{aligned} 6. & u \cdot 3 \cdot 5 \\ & (u = 5) \\ & = 75 \end{aligned}$$

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

$$\begin{aligned} 3. & c \cdot 8 \div 9 \\ & (c = 4) \\ & = \frac{32}{9} \end{aligned}$$

$$\begin{aligned} 7. & 9 - (x - 7) \\ & (x = 10) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 11. & (4 - b)^4 \\ & (b = 1) \\ & = 81 \end{aligned}$$

$$\begin{aligned} 4. & v(v - 2) \\ & (v = 4) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 8. & (y - 2) \cdot y \\ & (y = 4) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 12. & v(2 + v) \\ & (v = 6) \\ & = 48 \end{aligned}$$

Evaluar Expresiones (B)

Evalúe cada expresión usando los valores dados.

1. $x \div x \cdot 10$
($x = 3$)

5. $u \div (6 \div y)$
($y = 3, u = 3$)

9. $y - (10 - u)$
($y = 5, u = 6$)

2. $8 - y^3$
($y = 1$)

6. $2 - (8 - u)$
($u = 8$)

10. $5 - b^3$
($b = 1$)

3. $y \div (2a)$
($y = 8, a = 5$)

7. $y(y + 3)$
($y = 3$)

11. $1 \div z^2$
($z = 6$)

4. $10(c + 4)$
($c = 3$)

8. $y^4 + y$
($y = 3$)

12. $(7 + 9) \cdot a$
($a = 3$)

Evaluar Expresiones (B) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & x \div x \cdot 10 \\ & (x = 3) \\ & = 10 \end{aligned}$$

$$\begin{aligned} 5. & u \div (6 \div y) \\ & (y = 3, u = 3) \\ & = \frac{3}{2} \end{aligned}$$

$$\begin{aligned} 9. & y - (10 - u) \\ & (y = 5, u = 6) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 2. & 8 - y^3 \\ & (y = 1) \\ & = 7 \end{aligned}$$

$$\begin{aligned} 6. & 2 - (8 - u) \\ & (u = 8) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 10. & 5 - b^3 \\ & (b = 1) \\ & = 4 \end{aligned}$$

$$\begin{aligned} 3. & y \div (2a) \\ & (y = 8, a = 5) \\ & = \frac{4}{5} \end{aligned}$$

$$\begin{aligned} 7. & y(y + 3) \\ & (y = 3) \\ & = 18 \end{aligned}$$

$$\begin{aligned} 11. & 1 \div z^2 \\ & (z = 6) \\ & = \frac{1}{36} \end{aligned}$$

$$\begin{aligned} 4. & 10(c + 4) \\ & (c = 3) \\ & = 70 \end{aligned}$$

$$\begin{aligned} 8. & y^4 + y \\ & (y = 3) \\ & = 84 \end{aligned}$$

$$\begin{aligned} 12. & (7 + 9) \cdot a \\ & (a = 3) \\ & = 48 \end{aligned}$$

Evaluar Expresiones (C)

Evalúe cada expresión usando los valores dados.

1. $v - (c - c)$
($c = 4, v = 2$)

5. $10 \div z + z$
($z = 7$)

9. $x \div (2x)$
($x = 4$)

2. $7 + u \div 6$
($u = 10$)

6. $(7 + 9) \cdot b$
($b = 3$)

10. $10b \cdot 9$
($b = 1$)

3. $(8 - b) \div 10$
($b = 7$)

7. $6 - u - 2$
($u = 2$)

11. $x - 8 + 7$
($x = 10$)

4. $v^2 \div y$
($y = 6, v = 8$)

8. $7 \div 7 \div x$
($x = 5$)

12. $9 \div (y + a)$
($y = 7, a = 5$)

Evaluar Expresiones (C) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & v - (c - c) \\ & (c = 4, v = 2) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 5. & 10 \div z + z \\ & (z = 7) \\ & = \frac{59}{7} \end{aligned}$$

$$\begin{aligned} 9. & x \div (2x) \\ & (x = 4) \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 2. & 7 + u \div 6 \\ & (u = 10) \\ & = \frac{26}{3} \end{aligned}$$

$$\begin{aligned} 6. & (7 + 9) \cdot b \\ & (b = 3) \\ & = 48 \end{aligned}$$

$$\begin{aligned} 10. & 10b \cdot 9 \\ & (b = 1) \\ & = 90 \end{aligned}$$

$$\begin{aligned} 3. & (8 - b) \div 10 \\ & (b = 7) \\ & = \frac{1}{10} \end{aligned}$$

$$\begin{aligned} 7. & 6 - u - 2 \\ & (u = 2) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 11. & x - 8 + 7 \\ & (x = 10) \\ & = 9 \end{aligned}$$

$$\begin{aligned} 4. & v^2 \div y \\ & (y = 6, v = 8) \\ & = \frac{32}{3} \end{aligned}$$

$$\begin{aligned} 8. & 7 \div 7 \div x \\ & (x = 5) \\ & = \frac{1}{5} \end{aligned}$$

$$\begin{aligned} 12. & 9 \div (y + a) \\ & (y = 7, a = 5) \\ & = \frac{3}{4} \end{aligned}$$

Evaluar Expresiones (D)

Evalúe cada expresión usando los valores dados.

1. $(z - v)^4$
($z = 7, v = 5$)

5. $8 - (u - c)$
($c = 5, u = 7$)

9. $6 + a - a$
($a = 9$)

2. $7 + 5 + b$
($b = 9$)

6. $b(5 + 2)$
($b = 6$)

10. $(5 + 3) \cdot y$
($y = 10$)

3. $1 + b^3$
($b = 1$)

7. $uz - z$
($z = 1, u = 9$)

11. $v + 8 - x$
($x = 6, v = 7$)

4. $(a - a) \div v$
($a = 4, v = 6$)

8. $5 + u - y$
($y = 7, u = 2$)

12. $v - (v - u)$
($u = 8, v = 10$)

Evaluar Expresiones (D) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & (z - v)^4 \\ & (z = 7, v = 5) \\ & = 16 \end{aligned}$$

$$\begin{aligned} 5. & 8 - (u - c) \\ & (c = 5, u = 7) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 9. & 6 + a - a \\ & (a = 9) \\ & = 6 \end{aligned}$$

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

$$\begin{aligned} 6. & b(5 + 2) \\ & (b = 6) \\ & = 42 \end{aligned}$$

$$\begin{aligned} 10. & (5 + 3) \cdot y \\ & (y = 10) \\ & = 80 \end{aligned}$$

$$\begin{aligned} 3. & 1 + b^3 \\ & (b = 1) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 7. & uz - z \\ & (z = 1, u = 9) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 11. & v + 8 - x \\ & (x = 6, v = 7) \\ & = 9 \end{aligned}$$

$$\begin{aligned} 4. & (a - a) \div v \\ & (a = 4, v = 6) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 8. & 5 + u - y \\ & (y = 7, u = 2) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 12. & v - (v - u) \\ & (u = 8, v = 10) \\ & = 8 \end{aligned}$$

Evaluar Expresiones (E)

Evalúe cada expresión usando los valores dados.

1. $z \cdot z^2$
($z = 1$)

5. $6^2 + u$
($u = 4$)

9. $2 + c \div c$
($c = 3$)

2. $a - a^3$
($a = 1$)

6. $10 \div v \div 4$
($v = 8$)

10. $6y + 4$
($y = 10$)

3. $6 + c + 5$
($c = 7$)

7. $(v \div 4)^4$
($v = 6$)

11. $a + 2b$
($a = 4, b = 1$)

4. $v - v^3$
($v = 1$)

8. $1 - c \div c$
($c = 10$)

12. $a \div 4 \cdot 9$
($a = 2$)

Evaluar Expresiones (E) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. z \cdot z^2 \\ (z = 1) \\ = 1 \end{aligned}$$

$$\begin{aligned} 5. 6^2 + u \\ (u = 4) \\ = 40 \end{aligned}$$

$$\begin{aligned} 9. 2 + c \div c \\ (c = 3) \\ = 3 \end{aligned}$$

$$\begin{aligned} 2. a - a^3 \\ (a = 1) \\ = 0 \end{aligned}$$

$$\begin{aligned} 6. 10 \div v \div 4 \\ (v = 8) \\ = \frac{5}{16} \end{aligned}$$

$$\begin{aligned} 10. 6y + 4 \\ (y = 10) \\ = 64 \end{aligned}$$

$$\begin{aligned} 3. 6 + c + 5 \\ (c = 7) \\ = 18 \end{aligned}$$

$$\begin{aligned} 7. (v \div 4)^4 \\ (v = 6) \\ = \frac{81}{16} \end{aligned}$$

$$\begin{aligned} 11. a + 2b \\ (a = 4, b = 1) \\ = 6 \end{aligned}$$

$$\begin{aligned} 4. v - v^3 \\ (v = 1) \\ = 0 \end{aligned}$$

$$\begin{aligned} 8. 1 - c \div c \\ (c = 10) \\ = 0 \end{aligned}$$

$$\begin{aligned} 12. a \div 4 \cdot 9 \\ (a = 2) \\ = \frac{9}{2} \end{aligned}$$

Evaluar Expresiones (F)

Evalúe cada expresión usando los valores dados.

1. $v^2 + v$
($v = 1$)

5. $9 + z + a$
($a = 1, z = 9$)

9. $z + 10 \div 5$
($z = 3$)

2. $10b - 4$
($b = 9$)

6. $10y \div z$
($y = 5, z = 6$)

10. $a + 1 \div a$
($a = 4$)

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

7. $3 + 9 - z$
($z = 3$)

11. $(u - u)^2$
($u = 4$)

4. $u + b + u$
($b = 10, u = 9$)

8. $xb - 10$
($x = 4, b = 6$)

12. $2 \div (8u)$
($u = 6$)

Evaluar Expresiones (F) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. \quad & v^2 + v \\ & (v = 1) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 5. \quad & 9 + z + a \\ & (a = 1, z = 9) \\ & = 19 \end{aligned}$$

$$\begin{aligned} 9. \quad & z + 10 \div 5 \\ & (z = 3) \\ & = 5 \end{aligned}$$

$$\begin{aligned} 2. \quad & 10b - 4 \\ & (b = 9) \\ & = 86 \end{aligned}$$

$$\begin{aligned} 6. \quad & 10y \div z \\ & (y = 5, z = 6) \\ & = \frac{25}{3} \end{aligned}$$

$$\begin{aligned} 10. \quad & a + 1 \div a \\ & (a = 4) \\ & = \frac{17}{4} \end{aligned}$$

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

$$\begin{aligned} 7. \quad & 3 + 9 - z \\ & (z = 3) \\ & = 9 \end{aligned}$$

$$\begin{aligned} 11. \quad & (u - u)^2 \\ & (u = 4) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 4. \quad & u + b + u \\ & (b = 10, u = 9) \\ & = 28 \end{aligned}$$

$$\begin{aligned} 8. \quad & xb - 10 \\ & (x = 4, b = 6) \\ & = 14 \end{aligned}$$

$$\begin{aligned} 12. \quad & 2 \div (8u) \\ & (u = 6) \\ & = \frac{1}{24} \end{aligned}$$

Evaluar Expresiones (G)

Evalúe cada expresión usando los valores dados.

1. $(c + 10) \div 3$
($c = 6$)

5. $8v + v$
($v = 10$)

9. $y + z - 8$
($y = 4, z = 6$)

2. $8 - a + 4$
($a = 2$)

6. $u + uz$
($z = 4, u = 6$)

10. $7u - u$
($u = 4$)

3. $y - y \div 4$
($y = 6$)

7. $3 + z \div v$
($z = 5, v = 5$)

11. $(a - v)^2$
($a = 3, v = 3$)

4. $(6 + z) \cdot 7$
($z = 6$)

8. $10 + 1 - z$
($z = 8$)

12. $2 \div 9 \div c$
($c = 2$)

Evaluar Expresiones (G) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & (c + 10) \div 3 \\ & (c = 6) \\ & = \frac{16}{3} \end{aligned}$$

$$\begin{aligned} 5. & 8v + v \\ & (v = 10) \\ & = 90 \end{aligned}$$

$$\begin{aligned} 9. & y + z - 8 \\ & (y = 4, z = 6) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 2. & 8 - a + 4 \\ & (a = 2) \\ & = 10 \end{aligned}$$

$$\begin{aligned} 6. & u + uz \\ & (z = 4, u = 6) \\ & = 30 \end{aligned}$$

$$\begin{aligned} 10. & 7u - u \\ & (u = 4) \\ & = 24 \end{aligned}$$

$$\begin{aligned} 3. & y - y \div 4 \\ & (y = 6) \\ & = \frac{9}{2} \end{aligned}$$

$$\begin{aligned} 7. & 3 + z \div v \\ & (z = 5, v = 5) \\ & = 4 \end{aligned}$$

$$\begin{aligned} 11. & (a - v)^2 \\ & (a = 3, v = 3) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 4. & (6 + z) \cdot 7 \\ & (z = 6) \\ & = 84 \end{aligned}$$

$$\begin{aligned} 8. & 10 + 1 - z \\ & (z = 8) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 12. & 2 \div 9 \div c \\ & (c = 2) \\ & = \frac{1}{9} \end{aligned}$$

Evaluar Expresiones (H)

Evalúe cada expresión usando los valores dados.

1. $(6 - 3) \cdot v$
($v = 6$)

5. $z \cdot z - 6$
($z = 10$)

9. $8 \cdot z \div 9$
($z = 4$)

2. $y + 8 \div 9$
($y = 10$)

6. $(b \div b)^4$
($b = 2$)

10. $x + x^4$
($x = 2$)

3. $z \div 5 \cdot 3$
($z = 5$)

7. $3 - (6 - x)$
($x = 6$)

11. $c + 4 \div c$
($c = 8$)

4. $4 \div y \div 2$
($y = 5$)

8. $4a \div 7$
($a = 9$)

12. $c - c + y$
($y = 6, c = 6$)

Evaluar Expresiones (H) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & (6 - 3) \cdot v \\ & (v = 6) \\ & = 18 \end{aligned}$$

$$\begin{aligned} 5. & z \cdot z - 6 \\ & (z = 10) \\ & = 94 \end{aligned}$$

$$\begin{aligned} 9. & 8 \cdot z \div 9 \\ & (z = 4) \\ & = \frac{32}{9} \end{aligned}$$

$$\begin{aligned} 2. & y + 8 \div 9 \\ & (y = 10) \\ & = \frac{98}{9} \end{aligned}$$

$$\begin{aligned} 6. & (b \div b)^4 \\ & (b = 2) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 10. & x + x^4 \\ & (x = 2) \\ & = 18 \end{aligned}$$

$$\begin{aligned} 3. & z \div 5 \cdot 3 \\ & (z = 5) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 7. & 3 - (6 - x) \\ & (x = 6) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 11. & c + 4 \div c \\ & (c = 8) \\ & = \frac{17}{2} \end{aligned}$$

$$\begin{aligned} 4. & 4 \div y \div 2 \\ & (y = 5) \\ & = \frac{2}{5} \end{aligned}$$

$$\begin{aligned} 8. & 4a \div 7 \\ & (a = 9) \\ & = \frac{36}{7} \end{aligned}$$

$$\begin{aligned} 12. & c - c + y \\ & (y = 6, c = 6) \\ & = 6 \end{aligned}$$

Evaluar Expresiones (I)

Evalúe cada expresión usando los valores dados.

1. $6 - 2 + b$
($b = 10$)

5. $3(1 - a)$
($a = 1$)

9. $4 \div (b + 1)$
($b = 9$)

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

6. $(8 - 7) \div b$
($b = 4$)

10. $z \div (c \cdot c)$
($c = 5, z = 3$)

3. $4(10 - v)$
($v = 7$)

7. $a + 2 + a$
($a = 3$)

11. $b \div (a + 7)$
($a = 5, b = 10$)

4. $(b + z) \cdot 2$
($b = 10, z = 9$)

8. $(a^2)^3$
($a = 2$)

12. $7^2 \div u$
($u = 9$)

Evaluar Expresiones (I) Respuestas

Evalúe cada expresión usando los valores dados.

$$\begin{aligned} 1. & 6 - 2 + b \\ & (b = 10) \\ & = 14 \end{aligned}$$

$$\begin{aligned} 5. & 3(1 - a) \\ & (a = 1) \\ & = 0 \end{aligned}$$

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

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

$$\begin{aligned} 6. & (8 - 7) \div b \\ & (b = 4) \\ & = \frac{1}{4} \end{aligned}$$

$$\begin{aligned} 10. & z \div (c \cdot c) \\ & (c = 5, z = 3) \\ & = \frac{3}{25} \end{aligned}$$

$$\begin{aligned} 3. & 4(10 - v) \\ & (v = 7) \\ & = 12 \end{aligned}$$

$$\begin{aligned} 7. & a + 2 + a \\ & (a = 3) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 11. & b \div (a + 7) \\ & (a = 5, b = 10) \\ & = \frac{5}{6} \end{aligned}$$

$$\begin{aligned} 4. & (b + z) \cdot 2 \\ & (b = 10, z = 9) \\ & = 38 \end{aligned}$$

$$\begin{aligned} 8. & (a^2)^3 \\ & (a = 2) \\ & = 64 \end{aligned}$$

$$\begin{aligned} 12. & 7^2 \div u \\ & (u = 9) \\ & = \frac{49}{9} \end{aligned}$$

Evaluar Expresiones (J)

Evalúe cada expresión usando los valores dados.

1. $a^4 \div u$
($a = 1, u = 7$)

5. $5 \div c \div 9$
($c = 5$)

9. $x \div 5 \cdot z$
($x = 5, z = 7$)

2. $(u - u)^3$
($u = 2$)

6. $5 - 5 + b$
($b = 5$)

10. $zu - z$
($z = 2, u = 8$)

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

7. $ua - 10$
($a = 10, u = 5$)

11. $y \div (9z)$
($y = 8, z = 1$)

4. $3 + a \div a$
($a = 1$)

8. $2 - a \div a$
($a = 9$)

12. $c + y + c$
($y = 10, c = 4$)

Evaluar Expresiones (J) Respuestas

Evalúe cada expresión usando los valores dados.

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

$$\begin{aligned} 5. & 5 \div c \div 9 \\ & (c = 5) \\ & = \frac{1}{9} \end{aligned}$$

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

$$\begin{aligned} 2. & (u - u)^3 \\ & (u = 2) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 6. & 5 - 5 + b \\ & (b = 5) \\ & = 5 \end{aligned}$$

$$\begin{aligned} 10. & zu - z \\ & (z = 2, u = 8) \\ & = 14 \end{aligned}$$

$$\begin{aligned} 3. & x \cdot x - 1 \\ & (x = 9) \\ & = 80 \end{aligned}$$

$$\begin{aligned} 7. & ua - 10 \\ & (a = 10, u = 5) \\ & = 40 \end{aligned}$$

$$\begin{aligned} 11. & y \div (9z) \\ & (y = 8, z = 1) \\ & = \frac{8}{9} \end{aligned}$$

$$\begin{aligned} 4. & 3 + a \div a \\ & (a = 1) \\ & = 4 \end{aligned}$$

$$\begin{aligned} 8. & 2 - a \div a \\ & (a = 9) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 12. & c + y + c \\ & (y = 10, c = 4) \\ & = 18 \end{aligned}$$