

## Evaluating Expressions (A)

Evaluate each expression using the values given.

1.  $4 \div 6 \cdot (a - 1)^3$   
( $a = 2$ )

6.  $2 \div ((8 - v + a) \div 4)$   
( $a = 7, v = 8$ )

2.  $(z - 1) \cdot 10 \div 10 + y$   
( $y = 4, z = 9$ )

7.  $c^4 + 10 - 3 + v$   
( $c = 2, v = 4$ )

3.  $b - (3 + u) + a - a$   
( $a = 5, b = 7, u = 4$ )

8.  $(8 \cdot 2 + b + 7) \div 5$   
( $b = 8$ )

4.  $y + 8 \div 7 \cdot c \div 2$   
( $y = 4, c = 9$ )

9.  $(3^2 - a + 9) \cdot x$   
( $a = 3, x = 6$ )

5.  $a(2 \cdot 10 \div b + 10)$   
( $a = 2, b = 3$ )

10.  $9 - v + x + v^4$   
( $x = 8, v = 2$ )

## Evaluating Expressions (A) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & 4 \div 6 \cdot (a - 1)^3 \\ & (a = 2) \\ & = \frac{2}{3} \end{aligned}$$

$$\begin{aligned} 6. & 2 \div ((8 - v + a) \div 4) \\ & (a = 7, v = 8) \\ & = \frac{8}{7} \end{aligned}$$

$$\begin{aligned} 2. & (z - 1) \cdot 10 \div 10 + y \\ & (y = 4, z = 9) \\ & = 12 \end{aligned}$$

$$\begin{aligned} 7. & c^4 + 10 - 3 + v \\ & (c = 2, v = 4) \\ & = 27 \end{aligned}$$

$$\begin{aligned} 3. & b - (3 + u) + a - a \\ & (a = 5, b = 7, u = 4) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 8. & (8 \cdot 2 + b + 7) \div 5 \\ & (b = 8) \\ & = \frac{31}{5} \end{aligned}$$

$$\begin{aligned} 4. & y + 8 \div 7 \cdot c \div 2 \\ & (y = 4, c = 9) \\ & = \frac{64}{7} \end{aligned}$$

$$\begin{aligned} 9. & (3^2 - a + 9) \cdot x \\ & (a = 3, x = 6) \\ & = 90 \end{aligned}$$

$$\begin{aligned} 5. & a(2 \cdot 10 \div b + 10) \\ & (a = 2, b = 3) \\ & = \frac{100}{3} \end{aligned}$$

$$\begin{aligned} 10. & 9 - v + x + v^4 \\ & (x = 8, v = 2) \\ & = 31 \end{aligned}$$

## Evaluating Expressions (B)

Evaluate each expression using the values given.

1.  $8 \div (4(10 - 6)) + z$   
( $z = 7$ )

6.  $2 \cdot x \div (c + 8 + c)$   
( $x = 6, c = 5$ )

2.  $3 + x + u - (c - 1)$   
( $x = 7, c = 3, u = 9$ )

7.  $c \cdot y^2 \div c^2$   
( $y = 2, c = 8$ )

3.  $(8 + c - 2 - 8)^2$   
( $c = 10$ )

8.  $z^2 - (z + 4u)$   
( $z = 9, u = 7$ )

4.  $((8 - x) \div 6 \cdot 5)^2$   
( $x = 7$ )

9.  $7 \div ((5 + 7) \cdot y) \cdot 2$   
( $y = 3$ )

5.  $z \cdot z \div 1 \cdot 4 - z$   
( $z = 4$ )

10.  $3 + a + a \cdot a \div 2$   
( $a = 8$ )

## Evaluating Expressions (B) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & 8 \div (4(10 - 6)) + z \\ & (z = 7) \\ & = \frac{15}{2} \end{aligned}$$

$$\begin{aligned} 6. & 2 \cdot x \div (c + 8 + c) \\ & (x = 6, c = 5) \\ & = \frac{2}{3} \end{aligned}$$

$$\begin{aligned} 2. & 3 + x + u - (c - 1) \\ & (x = 7, c = 3, u = 9) \\ & = 17 \end{aligned}$$

$$\begin{aligned} 7. & c \cdot y^2 \div c^2 \\ & (y = 2, c = 8) \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 3. & (8 + c - 2 - 8)^2 \\ & (c = 10) \\ & = 64 \end{aligned}$$

$$\begin{aligned} 8. & z^2 - (z + 4u) \\ & (z = 9, u = 7) \\ & = 44 \end{aligned}$$

$$\begin{aligned} 4. & ((8 - x) \div 6 \cdot 5)^2 \\ & (x = 7) \\ & = \frac{25}{36} \end{aligned}$$

$$\begin{aligned} 9. & 7 \div ((5 + 7) \cdot y) \cdot 2 \\ & (y = 3) \\ & = \frac{7}{18} \end{aligned}$$

$$\begin{aligned} 5. & z \cdot z \div 1 \cdot 4 - z \\ & (z = 4) \\ & = 60 \end{aligned}$$

$$\begin{aligned} 10. & 3 + a + a \cdot a \div 2 \\ & (a = 8) \\ & = 43 \end{aligned}$$

## Evaluating Expressions (C)

Evaluate each expression using the values given.

1.  $(c - c)^2 + b + 1$   
( $c = 10, b = 5$ )

6.  $v^3 - (10 - 9) \cdot b$   
( $b = 7, v = 4$ )

2.  $b - (5 + 4 - a) \div b$   
( $a = 7, b = 5$ )

7.  $c \div (b \div y \cdot 2 \div 6)$   
( $y = 8, c = 4, b = 2$ )

3.  $b(b^4 + c - x)$   
( $x = 4, c = 6, b = 2$ )

8.  $(v - (y - y)) \div (9 \div 3)$   
( $y = 9, v = 3$ )

4.  $c + (c - c + v) \cdot 5$   
( $c = 8, v = 8$ )

9.  $c + y(a - (y - c))$   
( $y = 7, a = 5, c = 3$ )

5.  $10 \div 2 \cdot 7 \div v \cdot 5$   
( $v = 10$ )

10.  $(y - (6 - (4 + 1)))^3$   
( $y = 4$ )

## Evaluating Expressions (C) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & (c - c)^2 + b + 1 \\ & (c = 10, b = 5) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 6. & v^3 - (10 - 9) \cdot b \\ & (b = 7, v = 4) \\ & = 57 \end{aligned}$$

$$\begin{aligned} 2. & b - (5 + 4 - a) \div b \\ & (a = 7, b = 5) \\ & = \frac{23}{5} \end{aligned}$$

$$\begin{aligned} 7. & c \div (b \div y \cdot 2 \div 6) \\ & (y = 8, c = 4, b = 2) \\ & = 48 \end{aligned}$$

$$\begin{aligned} 3. & b(b^4 + c - x) \\ & (x = 4, c = 6, b = 2) \\ & = 36 \end{aligned}$$

$$\begin{aligned} 8. & (v - (y - y)) \div (9 \div 3) \\ & (y = 9, v = 3) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 4. & c + (c - c + v) \cdot 5 \\ & (c = 8, v = 8) \\ & = 48 \end{aligned}$$

$$\begin{aligned} 9. & c + y(a - (y - c)) \\ & (y = 7, a = 5, c = 3) \\ & = 10 \end{aligned}$$

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

$$\begin{aligned} 10. & (y - (6 - (4 + 1)))^3 \\ & (y = 4) \\ & = 27 \end{aligned}$$

## Evaluating Expressions (D)

Evaluate each expression using the values given.

1.  $10(x - v) \cdot 7 \cdot 4$   
( $x = 4, v = 4$ )

6.  $(7 + a^2) \cdot 3 + z$   
( $a = 2, z = 4$ )

2.  $(b + 4) \div ((7 - a) \cdot y)$   
( $a = 1, y = 6, b = 9$ )

7.  $6 \div 4 + 2b \cdot c$   
( $c = 2, b = 7$ )

3.  $y + 7 + 10 - (c - 10)$   
( $y = 9, c = 10$ )

8.  $v + 7 \cdot 6 - 2a$   
( $a = 7, v = 10$ )

4.  $u + 1 + x - y - 6$   
( $y = 1, x = 9, u = 3$ )

9.  $9 + (10 - (z - 10)) \div z$   
( $z = 10$ )

5.  $8 \cdot 3(x - 3) - x$   
( $x = 4$ )

10.  $(9 + v - b)(7 - v)$   
( $b = 7, v = 2$ )

## Evaluating Expressions (D) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & 10(x - v) \cdot 7 \cdot 4 \\ & (x = 4, v = 4) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 6. & (7 + a^2) \cdot 3 + z \\ & (a = 2, z = 4) \\ & = 37 \end{aligned}$$

$$\begin{aligned} 2. & (b + 4) \div ((7 - a) \cdot y) \\ & (a = 1, y = 6, b = 9) \\ & = \frac{13}{36} \end{aligned}$$

$$\begin{aligned} 7. & 6 \div 4 + 2b \cdot c \\ & (c = 2, b = 7) \\ & = \frac{59}{2} \end{aligned}$$

$$\begin{aligned} 3. & y + 7 + 10 - (c - 10) \\ & (y = 9, c = 10) \\ & = 26 \end{aligned}$$

$$\begin{aligned} 8. & v + 7 \cdot 6 - 2a \\ & (a = 7, v = 10) \\ & = 38 \end{aligned}$$

$$\begin{aligned} 4. & u + 1 + x - y - 6 \\ & (y = 1, x = 9, u = 3) \\ & = 6 \end{aligned}$$

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

$$\begin{aligned} 5. & 8 \cdot 3(x - 3) - x \\ & (x = 4) \\ & = 20 \end{aligned}$$

$$\begin{aligned} 10. & (9 + v - b)(7 - v) \\ & (b = 7, v = 2) = 20 \end{aligned}$$

## Evaluating Expressions (E)

Evaluate each expression using the values given.

1.  $8 + u + x + 3 \cdot 7$   
( $x = 1, u = 4$ )

6.  $9 \div (2^2 \div b)^2$   
( $b = 6$ )

2.  $(6 + y^2) \div (ay)$   
( $y = 5, a = 5$ )

7.  $v \cdot (z - u) \div 6 \div 8$   
( $z = 4, u = 3, v = 10$ )

3.  $v \div (z - v) \div (c + z)$   
( $c = 1, z = 9, v = 7$ )

8.  $v \cdot (y(10 - c))^2$   
( $y = 10, c = 10, v = 3$ )

4.  $(7 - a \div 4) \cdot v \cdot v$   
( $a = 10, v = 2$ )

9.  $(b - b + 5 + 4) \cdot 9$   
( $b = 10$ )

5.  $(1 + z) \cdot 2 \div 6 \cdot z$   
( $z = 6$ )

10.  $c + x - 3 \div x \cdot x$   
( $x = 10, c = 7$ )

## Evaluating Expressions (E) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & 8 + u + x + 3 \cdot 7 \\ & (x = 1, u = 4) \\ & = 34 \end{aligned}$$

$$\begin{aligned} 6. & 9 \div (2^2 \div b)^2 \\ & (b = 6) \\ & = \frac{81}{4} \end{aligned}$$

$$\begin{aligned} 2. & (6 + y^2) \div (ay) \\ & (y = 5, a = 5) \\ & = \frac{31}{25} \end{aligned}$$

$$\begin{aligned} 7. & v \cdot (z - u) \div 6 \div 8 \\ & (z = 4, u = 3, v = 10) \\ & = \frac{5}{24} \end{aligned}$$

$$\begin{aligned} 3. & v \div (z - v) \div (c + z) \\ & (c = 1, z = 9, v = 7) \\ & = \frac{7}{20} \end{aligned}$$

$$\begin{aligned} 8. & v \cdot (y(10 - c))^2 \\ & (y = 10, c = 10, v = 3) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 4. & (7 - a \div 4) \cdot v \cdot v \\ & (a = 10, v = 2) \\ & = 18 \end{aligned}$$

$$\begin{aligned} 9. & (b - b + 5 + 4) \cdot 9 \\ & (b = 10) \\ & = 81 \end{aligned}$$

$$\begin{aligned} 5. & (1 + z) \cdot 2 \div 6 \cdot z \\ & (z = 6) \\ & = 14 \end{aligned}$$

$$\begin{aligned} 10. & c + x - 3 \div x \cdot x \\ & (x = 10, c = 7) \\ & = 14 \end{aligned}$$

## Evaluating Expressions (F)

Evaluate each expression using the values given.

1.  $(5x - z \cdot z) \cdot 3$   
 $(x = 5, z = 5)$

6.  $3(10 + z - v \div 3)$   
 $(z = 1, v = 2)$

2.  $4^2 \div 5 \cdot b \div b$   
 $(b = 6)$

7.  $8 - (x - x) \div (3 + 10)$   
 $(x = 5)$

3.  $b \div x \cdot (y - 1) \cdot b$   
 $(y = 3, x = 3, b = 7)$

8.  $(4(10 - x) - 2)^4$   
 $(x = 9)$

4.  $8 - (v - 7v \div 8)$   
 $(v = 8)$

9.  $(a - 8)^4 \cdot z \div z$   
 $(a = 8, z = 5)$

5.  $(v - (c - 3)) \cdot c \div 3$   
 $(c = 8, v = 10)$

10.  $a \div (a \div (9 \div 9))^3$   
 $(a = 2)$

## Evaluating Expressions (F) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & (5x - z \cdot z) \cdot 3 \\ & (x = 5, z = 5) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 6. & 3(10 + z - v \div 3) \\ & (z = 1, v = 2) \\ & = 31 \end{aligned}$$

$$\begin{aligned} 2. & 4^2 \div 5 \cdot b \div b \\ & (b = 6) \\ & = \frac{16}{5} \end{aligned}$$

$$\begin{aligned} 7. & 8 - (x - x) \div (3 + 10) \\ & (x = 5) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 3. & b \div x \cdot (y - 1) \cdot b \\ & (y = 3, x = 3, b = 7) \\ & = \frac{98}{3} \end{aligned}$$

$$\begin{aligned} 8. & (4(10 - x) - 2)^4 \\ & (x = 9) \\ & = 16 \end{aligned}$$

$$\begin{aligned} 4. & 8 - (v - 7v \div 8) \\ & (v = 8) \\ & = 7 \end{aligned}$$

$$\begin{aligned} 9. & (a - 8)^4 \cdot z \div z \\ & (a = 8, z = 5) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 5. & (v - (c - 3)) \cdot c \div 3 \\ & (c = 8, v = 10) \\ & = \frac{40}{3} \end{aligned}$$

$$\begin{aligned} 10. & a \div (a \div (9 \div 9))^3 \\ & (a = 2) \\ & = \frac{1}{4} \end{aligned}$$

## Evaluating Expressions (G)

Evaluate each expression using the values given.

1.  $3(5 + 2^2) - y$   
( $y = 4$ )

6.  $5b - 9 + b + 1$   
( $b = 3$ )

2.  $yv - 6 \cdot x \div v$   
( $y = 4, x = 2, v = 4$ )

7.  $(c - v \div v) \div (y - 3)$   
( $y = 8, c = 8, v = 9$ )

3.  $2 \cdot z^3 \div (y - z)$   
( $y = 7, z = 2$ )

8.  $3 - v(c + 10 - v)$   
( $c = 5, v = 2$ )

4.  $5 \div 1 + (b - b)^2$   
( $b = 8$ )

9.  $x \div (z(2 + 3 \cdot 5))$   
( $x = 7, z = 2$ )

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

10.  $10 + 8 - 2 + cv$   
( $c = 10, v = 8$ )

## Evaluating Expressions (G) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & 3(5 + 2^2) - y \\ & (y = 4) \\ & = 23 \end{aligned}$$

$$\begin{aligned} 6. & 5b - 9 + b + 1 \\ & (b = 3) \\ & = 10 \end{aligned}$$

$$\begin{aligned} 2. & yv - 6 \cdot x \div v \\ & (y = 4, x = 2, v = 4) \\ & = 13 \end{aligned}$$

$$\begin{aligned} 7. & (c - v \div v) \div (y - 3) \\ & (y = 8, c = 8, v = 9) \\ & = \frac{7}{5} \end{aligned}$$

$$\begin{aligned} 3. & 2 \cdot z^3 \div (y - z) \\ & (y = 7, z = 2) \\ & = \frac{16}{5} \end{aligned}$$

$$\begin{aligned} 8. & 3 - v(c + 10 - v) \\ & (c = 5, v = 2) \\ & = 13 \end{aligned}$$

$$\begin{aligned} 4. & 5 \div 1 + (b - b)^2 \\ & (b = 8) \\ & = 5 \end{aligned}$$

$$\begin{aligned} 9. & x \div (z(2 + 3 \cdot 5)) \\ & (x = 7, z = 2) \\ & = \frac{7}{34} \end{aligned}$$

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

$$\begin{aligned} 10. & 10 + 8 - 2 + cv \\ & (c = 10, v = 8) \\ & = 96 \end{aligned}$$

## Evaluating Expressions (H)

Evaluate each expression using the values given.

1.  $6 - (5 \div a)^3 + 8$   
( $a = 5$ )

6.  $2 + u + 5 - 6 + x$   
( $x = 10, u = 1$ )

2.  $u \div 2 \cdot u \div u \div v$   
( $u = 10, v = 4$ )

7.  $(9 - a + 5a) \div c$   
( $a = 6, c = 9$ )

3.  $x - (10 - y) - 4 \div 9$   
( $y = 8, x = 8$ )

8.  $4 + y(10 + b) \div 3$   
( $y = 9, b = 1$ )

4.  $v \div 2 - v \div (b + 8)$   
( $b = 3, v = 10$ )

9.  $3 + 10 - u^4 - 6$   
( $u = 1$ )

5.  $3 \div z \cdot bv \div 7$   
( $z = 2, b = 9, v = 2$ )

10.  $(u - c) \div (c + u^4)$   
( $c = 3, u = 3$ )

## Evaluating Expressions (H) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & 6 - (5 \div a)^3 + 8 \\ & (a = 5) \\ & = 13 \end{aligned}$$

$$\begin{aligned} 6. & 2 + u + 5 - 6 + x \\ & (x = 10, u = 1) \\ & = 12 \end{aligned}$$

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

$$\begin{aligned} 7. & (9 - a + 5a) \div c \\ & (a = 6, c = 9) \\ & = \frac{11}{3} \end{aligned}$$

$$\begin{aligned} 3. & x - (10 - y) - 4 \div 9 \\ & (y = 8, x = 8) \\ & = \frac{50}{9} \end{aligned}$$

$$\begin{aligned} 8. & 4 + y(10 + b) \div 3 \\ & (y = 9, b = 1) \\ & = 37 \end{aligned}$$

$$\begin{aligned} 4. & v \div 2 - v \div (b + 8) \\ & (b = 3, v = 10) \\ & = \frac{45}{11} \end{aligned}$$

$$\begin{aligned} 9. & 3 + 10 - u^4 - 6 \\ & (u = 1) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 5. & 3 \div z \cdot bv \div 7 \\ & (z = 2, b = 9, v = 2) \\ & = \frac{27}{7} \end{aligned}$$

$$\begin{aligned} 10. & (u - c) \div (c + u^4) \\ & (c = 3, u = 3) \\ & = 0 \end{aligned}$$

## Evaluating Expressions (I)

Evaluate each expression using the values given.

1.  $v^2 - (v \div v)^4$   
( $v = 5$ )

6.  $x \div (2 \div x + 1) - 1$   
( $x = 10$ )

2.  $a^2 - 6v \div 1$   
( $a = 10, v = 1$ )

7.  $zv + 1^3 - v$   
( $z = 9, v = 1$ )

3.  $7 + x \div x + u^2$   
( $x = 10, u = 3$ )

8.  $7 \div (x + 7 \div 4 \cdot y)$   
( $y = 1, x = 2$ )

4.  $y \div (z \div z) \div 10 \cdot y$   
( $y = 7, z = 7$ )

9.  $c - c \div ((7 + y) \div y)$   
( $y = 10, c = 10$ )

5.  $(3 - (u - (8 - u)))^3$   
( $u = 5$ )

10.  $x \cdot (7 + c) \cdot 3 \div x$   
( $x = 10, c = 10$ )

## Evaluating Expressions (I) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & v^2 - (v \div v)^4 \\ & (v = 5) \\ & = 24 \end{aligned}$$

$$\begin{aligned} 6. & x \div (2 \div x + 1) - 1 \\ & (x = 10) \\ & = \frac{22}{3} \end{aligned}$$

$$\begin{aligned} 2. & a^2 - 6v \div 1 \\ & (a = 10, v = 1) \\ & = 94 \end{aligned}$$

$$\begin{aligned} 7. & zv + 1^3 - v \\ & (z = 9, v = 1) \\ & = 9 \end{aligned}$$

$$\begin{aligned} 3. & 7 + x \div x + u^2 \\ & (x = 10, u = 3) \\ & = 17 \end{aligned}$$

$$\begin{aligned} 8. & 7 \div (x + 7 \div 4 \cdot y) \\ & (y = 1, x = 2) \\ & = \frac{28}{15} \end{aligned}$$

$$\begin{aligned} 4. & y \div (z \div z) \div 10 \cdot y \\ & (y = 7, z = 7) \\ & = \frac{49}{10} \end{aligned}$$

$$\begin{aligned} 9. & c - c \div ((7 + y) \div y) \\ & (y = 10, c = 10) \\ & = \frac{70}{17} \end{aligned}$$

$$\begin{aligned} 5. & (3 - (u - (8 - u)))^3 \\ & (u = 5) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 10. & x \cdot (7 + c) \cdot 3 \div x \\ & (x = 10, c = 10) \\ & = 51 \end{aligned}$$

## Evaluating Expressions (J)

Evaluate each expression using the values given.

1.  $2 \div (6 \cdot z \div (4z))$   
( $z = 9$ )

6.  $a \div c(y - 6) \div 1$   
( $a = 8, y = 7, c = 5$ )

2.  $7 \div (4x \div (x \cdot x))$   
( $x = 2$ )

7.  $9 - a(9 + 4 \div 7)$   
( $a = 2$ )

3.  $(x \div 2 + b \cdot b) \cdot 10$   
( $x = 7, b = 2$ )

8.  $(a - a) \div (y^3 \cdot y)$   
( $a = 8, y = 3$ )

4.  $(b \div b + c^4) \div c$   
( $c = 2, b = 1$ )

9.  $8 + y - u \div 7 \cdot 2$   
( $y = 6, u = 9$ )

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

10.  $(a + y + 7 + 3) \cdot 3$   
( $a = 4, y = 6$ )

## Evaluating Expressions (J) Answers

Evaluate each expression using the values given.

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

$$\begin{aligned} 6. & a \div c(y - 6) \div 1 \\ & (a = 8, y = 7, c = 5) \\ & = \frac{8}{5} \end{aligned}$$

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

$$\begin{aligned} 7. & 9 - a(9 + 4 \div 7) \\ & (a = 2) \\ & = 67 \end{aligned}$$

$$\begin{aligned} 3. & (x \div 2 + b \cdot b) \cdot 10 \\ & (x = 7, b = 2) \\ & = 75 \end{aligned}$$

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

$$\begin{aligned} 4. & (b \div b + c^4) \div c \\ & (c = 2, b = 1) \\ & = \frac{17}{2} \end{aligned}$$

$$\begin{aligned} 9. & 8 + y - u \div 7 \cdot 2 \\ & (y = 6, u = 9) \\ & = \frac{80}{7} \end{aligned}$$

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

$$\begin{aligned} 10. & (a + y + 7 + 3) \cdot 3 \\ & (a = 4, y = 6) \\ & = 60 \end{aligned}$$