

## Evaluating Expressions (A)

Evaluate each expression using the value given.

1.  $c \cdot c \div 4$   
( $c = 5$ )

6.  $z^4 \div z$   
( $z = 1$ )

11.  $z \div (8 - z)$   
( $z = 1$ )

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

7.  $7b \div b$   
( $b = 2$ )

12.  $6 - x \div 6$   
( $x = 7$ )

3.  $2b - b$   
( $b = 9$ )

8.  $(10 - 9) \cdot c$   
( $c = 10$ )

13.  $(10 + y) \div y$   
( $y = 9$ )

4.  $u \div u^2$   
( $u = 2$ )

9.  $u + 4 + 8$   
( $u = 2$ )

14.  $z \cdot z \div z$   
( $z = 2$ )

5.  $5 + 3 - c$   
( $c = 8$ )

10.  $10 + 2 - x$   
( $x = 6$ )

15.  $c(6 - 2)$   
( $c = 4$ )

## Evaluating Expressions (A) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. & c \cdot c \div 4 \\ & (c = 5) \\ & = \frac{25}{4} \end{aligned}$$

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

$$\begin{aligned} 11. & z \div (8 - z) \\ & (z = 1) \\ & = \frac{1}{7} \end{aligned}$$

$$\begin{aligned} 2. & u + 4u \\ & (u = 6) \\ & = 30 \end{aligned}$$

$$\begin{aligned} 7. & 7b \div b \\ & (b = 2) \\ & = 7 \end{aligned}$$

$$\begin{aligned} 12. & 6 - x \div 6 \\ & (x = 7) \\ & = \frac{29}{6} \end{aligned}$$

$$\begin{aligned} 3. & 2b - b \\ & (b = 9) \\ & = 9 \end{aligned}$$

$$\begin{aligned} 8. & (10 - 9) \cdot c \\ & (c = 10) \\ & = 10 \end{aligned}$$

$$\begin{aligned} 13. & (10 + y) \div y \\ & (y = 9) \\ & = \frac{19}{9} \end{aligned}$$

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

$$\begin{aligned} 9. & u + 4 + 8 \\ & (u = 2) \\ & = 14 \end{aligned}$$

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

$$\begin{aligned} 5. & 5 + 3 - c \\ & (c = 8) \\ & = 0 \end{aligned}$$

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

$$\begin{aligned} 15. & c(6 - 2) \\ & (c = 4) \\ & = 16 \end{aligned}$$

## Evaluating Expressions (B)

Evaluate each expression using the value given.

1.  $10 + u - 9$   
( $u = 2$ )

6.  $8^2 - b$   
( $b = 10$ )

11.  $7 \cdot 9 + v$   
( $v = 10$ )

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

7.  $v^2 - 6$   
( $v = 6$ )

12.  $u - 8 \div 3$   
( $u = 4$ )

3.  $(7 + u) \cdot u$   
( $u = 1$ )

8.  $v \div v + v$   
( $v = 10$ )

13.  $y^2 + 2$   
( $y = 6$ )

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

9.  $y \div (y \div y)$   
( $y = 6$ )

14.  $b + 1 + 4$   
( $b = 6$ )

5.  $a \cdot a - a$   
( $a = 7$ )

10.  $10 \div (b + 10)$   
( $b = 1$ )

15.  $(v - 3) \cdot 8$   
( $v = 7$ )

## Evaluating Expressions (B) Answers

Evaluate each expression using the value given.

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

$$\begin{aligned} 6. & 8^2 - b \\ & (b = 10) \\ & = 54 \end{aligned}$$

$$\begin{aligned} 11. & 7 \cdot 9 + v \\ & (v = 10) \\ & = 73 \end{aligned}$$

$$\begin{aligned} 2. & 8 \cdot 9 - b \\ & (b = 4) \\ & = 68 \end{aligned}$$

$$\begin{aligned} 7. & v^2 - 6 \\ & (v = 6) \\ & = 30 \end{aligned}$$

$$\begin{aligned} 12. & u - 8 \div 3 \\ & (u = 4) \\ & = \frac{4}{3} \end{aligned}$$

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

$$\begin{aligned} 8. & v \div v + v \\ & (v = 10) \\ & = 11 \end{aligned}$$

$$\begin{aligned} 13. & y^2 + 2 \\ & (y = 6) \\ & = 38 \end{aligned}$$

$$\begin{aligned} 4. & a(a - a) \\ & (a = 8) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 9. & y \div (y \div y) \\ & (y = 6) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 14. & b + 1 + 4 \\ & (b = 6) \\ & = 11 \end{aligned}$$

$$\begin{aligned} 5. & a \cdot a - a \\ & (a = 7) \\ & = 42 \end{aligned}$$

$$\begin{aligned} 10. & 10 \div (b + 10) \\ & (b = 1) \\ & = \frac{10}{11} \end{aligned}$$

$$\begin{aligned} 15. & (v - 3) \cdot 8 \\ & (v = 7) \\ & = 32 \end{aligned}$$

## Evaluating Expressions (C)

Evaluate each expression using the value given.

1.  $x + x \cdot x$   
( $x = 5$ )

6.  $z \div z - z$   
( $z = 1$ )

11.  $(4 - c) \cdot c$   
( $c = 3$ )

2.  $a - 7 \div 8$   
( $a = 9$ )

7.  $9 - (x - x)$   
( $x = 8$ )

12.  $3 \div z \cdot z$   
( $z = 10$ )

3.  $u^2 \cdot 5$   
( $u = 3$ )

8.  $x \div 4 \div x$   
( $x = 7$ )

13.  $9b \div b$   
( $b = 4$ )

4.  $(6 + 2) \div c$   
( $c = 9$ )

9.  $(c \div c)^4$   
( $c = 7$ )

14.  $(z - z)^3$   
( $z = 6$ )

5.  $8 + x - x$   
( $x = 9$ )

10.  $(x - 2)^3$   
( $x = 2$ )

15.  $b \div 8 \cdot 10$   
( $b = 8$ )

## Evaluating Expressions (C) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. & x + x \cdot x \\ & (x = 5) \\ & = 30 \end{aligned}$$

$$\begin{aligned} 6. & z \div z - z \\ & (z = 1) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 11. & (4 - c) \cdot c \\ & (c = 3) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 2. & a - 7 \div 8 \\ & (a = 9) \\ & = \frac{65}{8} \end{aligned}$$

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

$$\begin{aligned} 12. & 3 \div z \cdot z \\ & (z = 10) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 3. & u^2 \cdot 5 \\ & (u = 3) \\ & = 45 \end{aligned}$$

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

$$\begin{aligned} 13. & 9b \div b \\ & (b = 4) \\ & = 9 \end{aligned}$$

$$\begin{aligned} 4. & (6 + 2) \div c \\ & (c = 9) \\ & = \frac{8}{9} \end{aligned}$$

$$\begin{aligned} 9. & (c \div c)^4 \\ & (c = 7) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 14. & (z - z)^3 \\ & (z = 6) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 5. & 8 + x - x \\ & (x = 9) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 10. & (x - 2)^3 \\ & (x = 2) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 15. & b \div 8 \cdot 10 \\ & (b = 8) \\ & = 10 \end{aligned}$$

## Evaluating Expressions (D)

Evaluate each expression using the value given.

1.  $x + x + 3$   
( $x = 2$ )

6.  $u(7 + u)$   
( $u = 4$ )

11.  $2 \div (a \div a)$   
( $a = 4$ )

2.  $8 \div x - 1$   
( $x = 7$ )

7.  $6z \div z$   
( $z = 5$ )

12.  $6 - u \cdot u$   
( $u = 2$ )

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

8.  $z^3 + 7$   
( $z = 1$ )

13.  $6 - (c - c)$   
( $c = 1$ )

4.  $v - v \div 9$   
( $v = 3$ )

9.  $8 - c \div c$   
( $c = 3$ )

14.  $x \div (6 - 4)$   
( $x = 5$ )

5.  $u^3 + u$   
( $u = 4$ )

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

15.  $2 \cdot z \div 3$   
( $z = 10$ )

## Evaluating Expressions (D) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. \quad & x + x + 3 \\ & (x = 2) \\ & = 7 \end{aligned}$$

$$\begin{aligned} 6. \quad & u(7 + u) \\ & (u = 4) \\ & = 44 \end{aligned}$$

$$\begin{aligned} 11. \quad & 2 \div (a \div a) \\ & (a = 4) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 2. \quad & 8 \div x - 1 \\ & (x = 7) \\ & = \frac{1}{7} \end{aligned}$$

$$\begin{aligned} 7. \quad & 6z \div z \\ & (z = 5) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 12. \quad & 6 - u \cdot u \\ & (u = 2) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 3. \quad & (9 - y) \div 7 \\ & (y = 8) \\ & = \frac{1}{7} \end{aligned}$$

$$\begin{aligned} 8. \quad & z^3 + 7 \\ & (z = 1) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 13. \quad & 6 - (c - c) \\ & (c = 1) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 4. \quad & v - v \div 9 \\ & (v = 3) \\ & = \frac{8}{3} \end{aligned}$$

$$\begin{aligned} 9. \quad & 8 - c \div c \\ & (c = 3) \\ & = 7 \end{aligned}$$

$$\begin{aligned} 14. \quad & x \div (6 - 4) \\ & (x = 5) \\ & = \frac{5}{2} \end{aligned}$$

$$\begin{aligned} 5. \quad & u^3 + u \\ & (u = 4) \\ & = 68 \end{aligned}$$

$$\begin{aligned} 10. \quad & (v - v)^2 \\ & (v = 4) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 15. \quad & 2 \cdot z \div 3 \\ & (z = 10) \\ & = \frac{20}{3} \end{aligned}$$



## Evaluating Expressions (E)

Evaluate each expression using the value given.

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

6.  $c \div (3 \div 8)$   
( $c = 2$ )

11.  $u \cdot 5 \div 7$   
( $u = 9$ )

2.  $(9 \div u)^3$   
( $u = 9$ )

7.  $2 - b \div 10$   
( $b = 5$ )

12.  $(8 - x) \div 6$   
( $x = 4$ )

3.  $9 \cdot 4 + a$   
( $a = 6$ )

8.  $a - (a - 1)$   
( $a = 9$ )

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

4.  $y^2 + y$   
( $y = 4$ )

9.  $b + 10 - b$   
( $b = 8$ )

14.  $3 \div x \cdot 4$   
( $x = 5$ )

5.  $(x - 2)^2$   
( $x = 3$ )

10.  $c \cdot c \cdot c$   
( $c = 2$ )

15.  $10(10 - y)$   
( $y = 10$ )

## Evaluating Expressions (E) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. & (c + 6) \div c \\ & (c = 6) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 6. & c \div (3 \div 8) \\ & (c = 2) \\ & = \frac{16}{3} \end{aligned}$$

$$\begin{aligned} 11. & u \cdot 5 \div 7 \\ & (u = 9) \\ & = \frac{45}{7} \end{aligned}$$

$$\begin{aligned} 2. & (9 \div u)^3 \\ & (u = 9) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 7. & 2 - b \div 10 \\ & (b = 5) \\ & = \frac{3}{2} \end{aligned}$$

$$\begin{aligned} 12. & (8 - x) \div 6 \\ & (x = 4) \\ & = \frac{2}{3} \end{aligned}$$

$$\begin{aligned} 3. & 9 \cdot 4 + a \\ & (a = 6) \\ & = 42 \end{aligned}$$

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

$$\begin{aligned} 13. & c \div (c \div 5) \\ & (c = 5) \\ & = 5 \end{aligned}$$

$$\begin{aligned} 4. & y^2 + y \\ & (y = 4) \\ & = 20 \end{aligned}$$

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

$$\begin{aligned} 14. & 3 \div x \cdot 4 \\ & (x = 5) \\ & = \frac{12}{5} \end{aligned}$$

$$\begin{aligned} 5. & (x - 2)^2 \\ & (x = 3) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 10. & c \cdot c \cdot c \\ & (c = 2) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 15. & 10(10 - y) \\ & (y = 10) \\ & = 0 \end{aligned}$$

## Evaluating Expressions (F)

Evaluate each expression using the value given.

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

6.  $8 - a \div a$   
( $a = 2$ )

11.  $x - x \div x$   
( $x = 5$ )

2.  $x \div (10 \cdot 2)$   
( $x = 10$ )

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

12.  $2 \div z + 4$   
( $z = 6$ )

3.  $(8 - v)^4$   
( $v = 7$ )

8.  $y - y \div y$   
( $y = 2$ )

13.  $x \cdot x + x$   
( $x = 7$ )

4.  $6a \div a$   
( $a = 6$ )

9.  $7 \div z + 3$   
( $z = 10$ )

14.  $(x^2)^2$   
( $x = 3$ )

5.  $y(y + 7)$   
( $y = 1$ )

10.  $4 + c - 5$   
( $c = 5$ )

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

## Evaluating Expressions (F) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. & u - 7 \div u \\ & (u = 3) \\ & = \frac{2}{3} \end{aligned}$$

$$\begin{aligned} 6. & 8 - a \div a \\ & (a = 2) \\ & = 7 \end{aligned}$$

$$\begin{aligned} 11. & x - x \div x \\ & (x = 5) \\ & = 4 \end{aligned}$$

$$\begin{aligned} 2. & x \div (10 \cdot 2) \\ & (x = 10) \\ & = \frac{1}{2} \end{aligned}$$

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

$$\begin{aligned} 12. & 2 \div z + 4 \\ & (z = 6) \\ & = \frac{13}{3} \end{aligned}$$

$$\begin{aligned} 3. & (8 - v)^4 \\ & (v = 7) \\ & = 1 \end{aligned}$$

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

$$\begin{aligned} 13. & x \cdot x + x \\ & (x = 7) \\ & = 56 \end{aligned}$$

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

$$\begin{aligned} 9. & 7 \div z + 3 \\ & (z = 10) \\ & = \frac{37}{10} \end{aligned}$$

$$\begin{aligned} 14. & (x^2)^2 \\ & (x = 3) \\ & = 81 \end{aligned}$$

$$\begin{aligned} 5. & y(y + 7) \\ & (y = 1) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 10. & 4 + c - 5 \\ & (c = 5) \\ & = 4 \end{aligned}$$

$$\begin{aligned} 15. & v(4 - 3) \\ & (v = 1) \\ & = 1 \end{aligned}$$

## Evaluating Expressions (G)

Evaluate each expression using the value given.

1.  $2u - u$   
( $u = 1$ )

6.  $(1 + 3) \cdot u$   
( $u = 7$ )

11.  $9(x - 2)$   
( $x = 7$ )

2.  $z \div 4 \div z$   
( $z = 6$ )

7.  $2 - (x - x)$   
( $x = 2$ )

12.  $x \cdot x - x$   
( $x = 9$ )

3.  $6 \cdot 10 - y$   
( $y = 5$ )

8.  $7 - z + z$   
( $z = 4$ )

13.  $u \div (4u)$   
( $u = 3$ )

4.  $8 + v - v$   
( $v = 5$ )

9.  $(2 - b)^2$   
( $b = 1$ )

14.  $2 - (y - y)$   
( $y = 8$ )

5.  $b \div (4 \div 4)$   
( $b = 10$ )

10.  $2x - 9$   
( $x = 9$ )

15.  $10 + 8 \div u$   
( $u = 7$ )

## Evaluating Expressions (G) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. \quad & 2u - u \\ & (u = 1) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 6. \quad & (1 + 3) \cdot u \\ & (u = 7) \\ & = 28 \end{aligned}$$

$$\begin{aligned} 11. \quad & 9(x - 2) \\ & (x = 7) \\ & = 45 \end{aligned}$$

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

$$\begin{aligned} 7. \quad & 2 - (x - x) \\ & (x = 2) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 12. \quad & x \cdot x - x \\ & (x = 9) \\ & = 72 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6 \cdot 10 - y \\ & (y = 5) \\ & = 55 \end{aligned}$$

$$\begin{aligned} 8. \quad & 7 - z + z \\ & (z = 4) \\ & = 7 \end{aligned}$$

$$\begin{aligned} 13. \quad & u \div (4u) \\ & (u = 3) \\ & = \frac{1}{4} \end{aligned}$$

$$\begin{aligned} 4. \quad & 8 + v - v \\ & (v = 5) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 9. \quad & (2 - b)^2 \\ & (b = 1) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 14. \quad & 2 - (y - y) \\ & (y = 8) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 5. \quad & b \div (4 \div 4) \\ & (b = 10) \\ & = 10 \end{aligned}$$

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

$$\begin{aligned} 15. \quad & 10 + 8 \div u \\ & (u = 7) \\ & = \frac{78}{7} \end{aligned}$$

## Evaluating Expressions (H)

Evaluate each expression using the value given.

1.  $a \div 4 + 2$   
( $a = 4$ )

6.  $9c \cdot 2$   
( $c = 1$ )

11.  $3b \div 5$   
( $b = 8$ )

2.  $b - b + b$   
( $b = 8$ )

7.  $c + c - c$   
( $c = 4$ )

12.  $b \cdot b - b$   
( $b = 4$ )

3.  $v^3 \div v$   
( $v = 8$ )

8.  $4(x - x)$   
( $x = 8$ )

13.  $3 + 4v$   
( $v = 3$ )

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

9.  $3^4 \div c$   
( $c = 7$ )

14.  $4a \div 7$   
( $a = 9$ )

5.  $(c \cdot c)^2$   
( $c = 2$ )

10.  $u + 5u$   
( $u = 6$ )

15.  $b - b \div 3$   
( $b = 2$ )

## Evaluating Expressions (H) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. & a \div 4 + 2 \\ & (a = 4) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 6. & 9c \cdot 2 \\ & (c = 1) \\ & = 18 \end{aligned}$$

$$\begin{aligned} 11. & 3b \div 5 \\ & (b = 8) \\ & = \frac{24}{5} \end{aligned}$$

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

$$\begin{aligned} 7. & c + c - c \\ & (c = 4) \\ & = 4 \end{aligned}$$

$$\begin{aligned} 12. & b \cdot b - b \\ & (b = 4) \\ & = 12 \end{aligned}$$

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

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

$$\begin{aligned} 13. & 3 + 4v \\ & (v = 3) \\ & = 15 \end{aligned}$$

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

$$\begin{aligned} 9. & 3^4 \div c \\ & (c = 7) \\ & = \frac{81}{7} \end{aligned}$$

$$\begin{aligned} 14. & 4a \div 7 \\ & (a = 9) \\ & = \frac{36}{7} \end{aligned}$$

$$\begin{aligned} 5. & (c \cdot c)^2 \\ & (c = 2) \\ & = 16 \end{aligned}$$

$$\begin{aligned} 10. & u + 5u \\ & (u = 6) \\ & = 36 \end{aligned}$$

$$\begin{aligned} 15. & b - b \div 3 \\ & (b = 2) \\ & = \frac{4}{3} \end{aligned}$$



## Evaluating Expressions (I)

Evaluate each expression using the value given.

1.  $v \cdot v - 9$   
( $v = 6$ )

6.  $3 + a - 9$   
( $a = 9$ )

11.  $(8 + 4) \cdot u$   
( $u = 6$ )

2.  $(u - u) \cdot u$   
( $u = 3$ )

7.  $y(2 - y)$   
( $y = 1$ )

12.  $v + v \div v$   
( $v = 7$ )

3.  $9 - (v + 2)$   
( $v = 7$ )

8.  $b \div (b - 1)$   
( $b = 7$ )

13.  $9a \div a$   
( $a = 4$ )

4.  $6 + 10 + u$   
( $u = 8$ )

9.  $8 \div x + x$   
( $x = 7$ )

14.  $1 \div y + 3$   
( $y = 4$ )

5.  $(2a)^2$   
( $a = 5$ )

10.  $x \cdot 1 \div x$   
( $x = 9$ )

15.  $v \cdot 2v$   
( $v = 7$ )

## Evaluating Expressions (I) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. & v \cdot v - 9 \\ & (v = 6) \\ & = 27 \end{aligned}$$

$$\begin{aligned} 6. & 3 + a - 9 \\ & (a = 9) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 11. & (8 + 4) \cdot u \\ & (u = 6) \\ & = 72 \end{aligned}$$

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

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

$$\begin{aligned} 12. & v + v \div v \\ & (v = 7) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 3. & 9 - (v + 2) \\ & (v = 7) \\ & = 0 \end{aligned}$$

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

$$\begin{aligned} 13. & 9a \div a \\ & (a = 4) \\ & = 9 \end{aligned}$$

$$\begin{aligned} 4. & 6 + 10 + u \\ & (u = 8) \\ & = 24 \end{aligned}$$

$$\begin{aligned} 9. & 8 \div x + x \\ & (x = 7) \\ & = \frac{57}{7} \end{aligned}$$

$$\begin{aligned} 14. & 1 \div y + 3 \\ & (y = 4) \\ & = \frac{13}{4} \end{aligned}$$

$$\begin{aligned} 5. & (2a)^2 \\ & (a = 5) \\ & = 100 \end{aligned}$$

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

$$\begin{aligned} 15. & v \cdot 2v \\ & (v = 7) \\ & = 98 \end{aligned}$$

## Evaluating Expressions (J)

Evaluate each expression using the value given.

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

6.  $(1 + c)^3$   
( $c = 2$ )

11.  $5u + u$   
( $u = 1$ )

2.  $x \cdot 9 \div x$   
( $x = 5$ )

7.  $9 \cdot c \div c$   
( $c = 10$ )

12.  $7 + 10 + y$   
( $y = 4$ )

3.  $c - 4 \div 7$   
( $c = 6$ )

8.  $(10 + u) \cdot 7$   
( $u = 3$ )

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

4.  $9 \cdot 3 \div z$   
( $z = 3$ )

9.  $(5 + a) \div 3$   
( $a = 7$ )

14.  $8 \cdot 5 \div z$   
( $z = 2$ )

5.  $4 + x \div x$   
( $x = 3$ )

10.  $v(8 - v)$   
( $v = 3$ )

15.  $z \div z \div z$   
( $z = 9$ )

## Evaluating Expressions (J) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. z \div (z - 2) \\ (z = 9) \\ = \frac{9}{7} \end{aligned}$$

$$\begin{aligned} 6. (1 + c)^3 \\ (c = 2) \\ = 27 \end{aligned}$$

$$\begin{aligned} 11. 5u + u \\ (u = 1) \\ = 6 \end{aligned}$$

$$\begin{aligned} 2. x \cdot 9 \div x \\ (x = 5) \\ = 9 \end{aligned}$$

$$\begin{aligned} 7. 9 \cdot c \div c \\ (c = 10) \\ = 9 \end{aligned}$$

$$\begin{aligned} 12. 7 + 10 + y \\ (y = 4) \\ = 21 \end{aligned}$$

$$\begin{aligned} 3. c - 4 \div 7 \\ (c = 6) \\ = \frac{38}{7} \end{aligned}$$

$$\begin{aligned} 8. (10 + u) \cdot 7 \\ (u = 3) \\ = 91 \end{aligned}$$

$$\begin{aligned} 13. b - 8 \div 7 \\ (b = 6) \\ = \frac{34}{7} \end{aligned}$$

$$\begin{aligned} 4. 9 \cdot 3 \div z \\ (z = 3) \\ = 9 \end{aligned}$$

$$\begin{aligned} 9. (5 + a) \div 3 \\ (a = 7) \\ = 4 \end{aligned}$$

$$\begin{aligned} 14. 8 \cdot 5 \div z \\ (z = 2) \\ = 20 \end{aligned}$$

$$\begin{aligned} 5. 4 + x \div x \\ (x = 3) \\ = 5 \end{aligned}$$

$$\begin{aligned} 10. v(8 - v) \\ (v = 3) \\ = 15 \end{aligned}$$

$$\begin{aligned} 15. z \div z \div z \\ (z = 9) \\ = \frac{1}{9} \end{aligned}$$