

## 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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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