

Evaluating Expressions (G)

Evaluate each expression using the values given.

1. $u + u \div x$
($x = 2, u = 5$)

6. $9 + z - 6$
($z = 2$)

11. $(10 - v) \cdot 8$
($v = 1$)

2. $(x + 9)^2$
($x = 1$)

7. $10u - 1$
($u = 4$)

12. $(9 - u) \div 2$
($u = 8$)

3. $(u - z)^4$
($z = 4, u = 7$)

8. $5 - (u - 6)$
($u = 10$)

13. $y + x + 5$
($y = 3, x = 10$)

4. $v(7 - 5)$
($v = 10$)

9. $1 \div y + 8$
($y = 4$)

14. $10 + z + 8$
($z = 5$)

5. $c \div c \div c$
($c = 3$)

10. $b + b - 7$
($b = 8$)

15. $(7 - z) \div 4$
($z = 3$)

Evaluating Expressions (G) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. \quad & u + u \div x \\ & (x = 2, u = 5) \\ & = \frac{15}{2} \end{aligned}$$

$$\begin{aligned} 6. \quad & 9 + z - 6 \\ & (z = 2) \\ & = 5 \end{aligned}$$

$$\begin{aligned} 11. \quad & (10 - v) \cdot 8 \\ & (v = 1) \\ & = 72 \end{aligned}$$

$$\begin{aligned} 2. \quad & (x + 9)^2 \\ & (x = 1) \\ & = 100 \end{aligned}$$

$$\begin{aligned} 7. \quad & 10u - 1 \\ & (u = 4) \\ & = 39 \end{aligned}$$

$$\begin{aligned} 12. \quad & (9 - u) \div 2 \\ & (u = 8) \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 3. \quad & (u - z)^4 \\ & (z = 4, u = 7) \\ & = 81 \end{aligned}$$

$$\begin{aligned} 8. \quad & 5 - (u - 6) \\ & (u = 10) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 13. \quad & y + x + 5 \\ & (y = 3, x = 10) \\ & = 18 \end{aligned}$$

$$\begin{aligned} 4. \quad & v(7 - 5) \\ & (v = 10) \\ & = 20 \end{aligned}$$

$$\begin{aligned} 9. \quad & 1 \div y + 8 \\ & (y = 4) \\ & = \frac{33}{4} \end{aligned}$$

$$\begin{aligned} 14. \quad & 10 + z + 8 \\ & (z = 5) \\ & = 23 \end{aligned}$$

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

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

$$\begin{aligned} 15. \quad & (7 - z) \div 4 \\ & (z = 3) \\ & = 1 \end{aligned}$$