

Evaluating Expressions (J)

Evaluate each expression using the value given.

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

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

11. $u - u$
($u = 9$)

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

7. $8c$
($c = 1$)

12. $y + 3$
($y = 10$)

3. $2 \div y$
($y = 7$)

8. $4x$
($x = 6$)

13. $10y$
($y = 8$)

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

9. $a + 5$
($a = 7$)

14. $b \cdot b$
($b = 7$)

5. $c - 9$
($c = 9$)

10. $c - c$
($c = 6$)

15. $9u$
($u = 2$)

Evaluating Expressions (J) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. \quad & x^3 \\ & (x = 2) \\ & = 8 \end{aligned}$$

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

$$\begin{aligned} 11. \quad & u - u \\ & (u = 9) \\ & = 0 \end{aligned}$$

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

$$\begin{aligned} 7. \quad & 8c \\ & (c = 1) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 12. \quad & y + 3 \\ & (y = 10) \\ & = 13 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2 \div y \\ & (y = 7) \\ & = \frac{2}{7} \end{aligned}$$

$$\begin{aligned} 8. \quad & 4x \\ & (x = 6) \\ & = 24 \end{aligned}$$

$$\begin{aligned} 13. \quad & 10y \\ & (y = 8) \\ & = 80 \end{aligned}$$

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

$$\begin{aligned} 9. \quad & a + 5 \\ & (a = 7) \\ & = 12 \end{aligned}$$

$$\begin{aligned} 14. \quad & b \cdot b \\ & (b = 7) \\ & = 49 \end{aligned}$$

$$\begin{aligned} 5. \quad & c - 9 \\ & (c = 9) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 10. \quad & c - c \\ & (c = 6) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 15. \quad & 9u \\ & (u = 2) \\ & = 18 \end{aligned}$$