

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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