

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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