

Evaluating Expressions (A)

Evaluate each expression using the value given.

1. $c \cdot c \div 4$
($c = 5$)

6. $z^4 \div z$
($z = 1$)

11. $z \div (8 - z)$
($z = 1$)

2. $u + 4u$
($u = 6$)

7. $7b \div b$
($b = 2$)

12. $6 - x \div 6$
($x = 7$)

3. $2b - b$
($b = 9$)

8. $(10 - 9) \cdot c$
($c = 10$)

13. $(10 + y) \div y$
($y = 9$)

4. $u \div u^2$
($u = 2$)

9. $u + 4 + 8$
($u = 2$)

14. $z \cdot z \div z$
($z = 2$)

5. $5 + 3 - c$
($c = 8$)

10. $10 + 2 - x$
($x = 6$)

15. $c(6 - 2)$
($c = 4$)

Evaluating Expressions (A) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. & c \cdot c \div 4 \\ & (c = 5) \\ & = \frac{25}{4} \end{aligned}$$

$$\begin{aligned} 6. & z^4 \div z \\ & (z = 1) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 11. & z \div (8 - z) \\ & (z = 1) \\ & = \frac{1}{7} \end{aligned}$$

$$\begin{aligned} 2. & u + 4u \\ & (u = 6) \\ & = 30 \end{aligned}$$

$$\begin{aligned} 7. & 7b \div b \\ & (b = 2) \\ & = 7 \end{aligned}$$

$$\begin{aligned} 12. & 6 - x \div 6 \\ & (x = 7) \\ & = \frac{29}{6} \end{aligned}$$

$$\begin{aligned} 3. & 2b - b \\ & (b = 9) \\ & = 9 \end{aligned}$$

$$\begin{aligned} 8. & (10 - 9) \cdot c \\ & (c = 10) \\ & = 10 \end{aligned}$$

$$\begin{aligned} 13. & (10 + y) \div y \\ & (y = 9) \\ & = \frac{19}{9} \end{aligned}$$

$$\begin{aligned} 4. & u \div u^2 \\ & (u = 2) \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 9. & u + 4 + 8 \\ & (u = 2) \\ & = 14 \end{aligned}$$

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

$$\begin{aligned} 5. & 5 + 3 - c \\ & (c = 8) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 10. & 10 + 2 - x \\ & (x = 6) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 15. & c(6 - 2) \\ & (c = 4) \\ & = 16 \end{aligned}$$