

Evaluating Expressions (E)

Evaluate each expression using the value given.

1. $(c + 6) \div c$
($c = 6$)

6. $c \div (3 \div 8)$
($c = 2$)

11. $u \cdot 5 \div 7$
($u = 9$)

2. $(9 \div u)^3$
($u = 9$)

7. $2 - b \div 10$
($b = 5$)

12. $(8 - x) \div 6$
($x = 4$)

3. $9 \cdot 4 + a$
($a = 6$)

8. $a - (a - 1)$
($a = 9$)

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

4. $y^2 + y$
($y = 4$)

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

14. $3 \div x \cdot 4$
($x = 5$)

5. $(x - 2)^2$
($x = 3$)

10. $c \cdot c \cdot c$
($c = 2$)

15. $10(10 - y)$
($y = 10$)

Evaluating Expressions (E) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. & (c + 6) \div c \\ & (c = 6) \\ & = 2 \end{aligned}$$

$$\begin{aligned} 6. & c \div (3 \div 8) \\ & (c = 2) \\ & = \frac{16}{3} \end{aligned}$$

$$\begin{aligned} 11. & u \cdot 5 \div 7 \\ & (u = 9) \\ & = \frac{45}{7} \end{aligned}$$

$$\begin{aligned} 2. & (9 \div u)^3 \\ & (u = 9) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 7. & 2 - b \div 10 \\ & (b = 5) \\ & = \frac{3}{2} \end{aligned}$$

$$\begin{aligned} 12. & (8 - x) \div 6 \\ & (x = 4) \\ & = \frac{2}{3} \end{aligned}$$

$$\begin{aligned} 3. & 9 \cdot 4 + a \\ & (a = 6) \\ & = 42 \end{aligned}$$

$$\begin{aligned} 8. & a - (a - 1) \\ & (a = 9) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 13. & c \div (c \div 5) \\ & (c = 5) \\ & = 5 \end{aligned}$$

$$\begin{aligned} 4. & y^2 + y \\ & (y = 4) \\ & = 20 \end{aligned}$$

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

$$\begin{aligned} 14. & 3 \div x \cdot 4 \\ & (x = 5) \\ & = \frac{12}{5} \end{aligned}$$

$$\begin{aligned} 5. & (x - 2)^2 \\ & (x = 3) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 10. & c \cdot c \cdot c \\ & (c = 2) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 15. & 10(10 - y) \\ & (y = 10) \\ & = 0 \end{aligned}$$