

Evaluating Expressions (A)

Evaluate each expression using the values given.

1. $1 \div z \cdot y$
($y = 4, z = 1$)

6. $c - (7 - c)$
($c = 5$)

11. $y \div 4 + 3$
($y = 1$)

2. $10(x - b)$
($x = 8, b = 3$)

7. $(2 - a)^2$
($a = 1$)

12. $3 \div y \cdot 9$
($y = 9$)

3. $z + 2 + v$
($z = 6, v = 8$)

8. $c - (8 - b)$
($c = 8, b = 8$)

13. $x - (7 - 4)$
($x = 9$)

4. $8 \cdot 6 \div c$
($c = 6$)

9. $4 - (y - 1)$
($y = 4$)

14. $z + 3 \cdot 4$
($z = 2$)

5. $z \cdot 4 \div x$
($x = 8, z = 6$)

10. $a \div 10 + a$
($a = 8$)

15. $x + 4 \cdot 10$
($x = 6$)

Evaluating Expressions (A) Answers

Evaluate each expression using the values given.

$$\begin{aligned} 1. & 1 \div z \cdot y \\ & (y = 4, z = 1) \\ & = 4 \end{aligned}$$

$$\begin{aligned} 6. & c - (7 - c) \\ & (c = 5) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 11. & y \div 4 + 3 \\ & (y = 1) \\ & = \frac{13}{4} \end{aligned}$$

$$\begin{aligned} 2. & 10(x - b) \\ & (x = 8, b = 3) \\ & = 50 \end{aligned}$$

$$\begin{aligned} 7. & (2 - a)^2 \\ & (a = 1) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 12. & 3 \div y \cdot 9 \\ & (y = 9) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 3. & z + 2 + v \\ & (z = 6, v = 8) \\ & = 16 \end{aligned}$$

$$\begin{aligned} 8. & c - (8 - b) \\ & (c = 8, b = 8) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 13. & x - (7 - 4) \\ & (x = 9) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 4. & 8 \cdot 6 \div c \\ & (c = 6) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 9. & 4 - (y - 1) \\ & (y = 4) \\ & = 1 \end{aligned}$$

$$\begin{aligned} 14. & z + 3 \cdot 4 \\ & (z = 2) \\ & = 14 \end{aligned}$$

$$\begin{aligned} 5. & z \cdot 4 \div x \\ & (x = 8, z = 6) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 10. & a \div 10 + a \\ & (a = 8) \\ & = \frac{44}{5} \end{aligned}$$

$$\begin{aligned} 15. & x + 4 \cdot 10 \\ & (x = 6) \\ & = 46 \end{aligned}$$