

Evaluating Expressions (B)

Evaluate each expression using the value given.

1. $10 + u - 9$
($u = 2$)

6. $8^2 - b$
($b = 10$)

11. $7 \cdot 9 + v$
($v = 10$)

2. $8 \cdot 9 - b$
($b = 4$)

7. $v^2 - 6$
($v = 6$)

12. $u - 8 \div 3$
($u = 4$)

3. $(7 + u) \cdot u$
($u = 1$)

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

13. $y^2 + 2$
($y = 6$)

4. $a(a - a)$
($a = 8$)

9. $y \div (y \div y)$
($y = 6$)

14. $b + 1 + 4$
($b = 6$)

5. $a \cdot a - a$
($a = 7$)

10. $10 \div (b + 10)$
($b = 1$)

15. $(v - 3) \cdot 8$
($v = 7$)

Evaluating Expressions (B) Answers

Evaluate each expression using the value given.

$$\begin{aligned} 1. & 10 + u - 9 \\ & (u = 2) \\ & = 3 \end{aligned}$$

$$\begin{aligned} 6. & 8^2 - b \\ & (b = 10) \\ & = 54 \end{aligned}$$

$$\begin{aligned} 11. & 7 \cdot 9 + v \\ & (v = 10) \\ & = 73 \end{aligned}$$

$$\begin{aligned} 2. & 8 \cdot 9 - b \\ & (b = 4) \\ & = 68 \end{aligned}$$

$$\begin{aligned} 7. & v^2 - 6 \\ & (v = 6) \\ & = 30 \end{aligned}$$

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

$$\begin{aligned} 3. & (7 + u) \cdot u \\ & (u = 1) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 8. & v \div v + v \\ & (v = 10) \\ & = 11 \end{aligned}$$

$$\begin{aligned} 13. & y^2 + 2 \\ & (y = 6) \\ & = 38 \end{aligned}$$

$$\begin{aligned} 4. & a(a - a) \\ & (a = 8) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 9. & y \div (y \div y) \\ & (y = 6) \\ & = 6 \end{aligned}$$

$$\begin{aligned} 14. & b + 1 + 4 \\ & (b = 6) \\ & = 11 \end{aligned}$$

$$\begin{aligned} 5. & a \cdot a - a \\ & (a = 7) \\ & = 42 \end{aligned}$$

$$\begin{aligned} 10. & 10 \div (b + 10) \\ & (b = 1) \\ & = \frac{10}{11} \end{aligned}$$

$$\begin{aligned} 15. & (v - 3) \cdot 8 \\ & (v = 7) \\ & = 32 \end{aligned}$$