

Evaluation d'Expressions (H) Solutions

Utilisez la valeur donnée pour évaluer l'expression.

$$\begin{aligned} 1. \quad & u + \frac{x}{a^3} \cdot x \\ & (a = -3, x = -6, u = -6) \\ & = -\frac{22}{3} \end{aligned}$$

$$\begin{aligned} 5. \quad & -9 - \left(\frac{a}{4} + (-4) \right)^4 \\ & (a = 8) \\ & = -25 \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{3 \cdot \frac{u}{b}}{5b} \\ & (b = -4, u = -4) \\ & = -\frac{3}{20} \end{aligned}$$

$$\begin{aligned} 6. \quad & u + (-10) - (-6 - (u - b)) \\ & (b = 9, u = -1) \\ & = -15 \end{aligned}$$

$$\begin{aligned} 3. \quad & x + v(v - yv) \\ & (y = -1, x = 7, v = 2) \\ & = 36 \end{aligned}$$

$$\begin{aligned} 7. \quad & (-7) \cdot x \cdot \frac{\left(\frac{x}{5}\right)}{-3} \\ & (x = -6) \\ & = \frac{84}{5} \end{aligned}$$

$$\begin{aligned} 4. \quad & a - (-10) - (7^2 + a) \\ & (a = 5) \\ & = -39 \end{aligned}$$

$$\begin{aligned} 8. \quad & -2 - \frac{b}{b} + \frac{b}{-10} \\ & (b = -2) \\ & = -\frac{14}{5} \end{aligned}$$

Evaluation d'Expressions (I)

Utilisez la valeur donnée pour évaluer l'expression.

1. $(-6) \cdot (-2) + (b - a) \cdot b$
($a = 8, b = -6$)

5. $z + 4 + z + v - z$
($z = 10, v = -7$)

2. $3 + y + y - (-7) + y$
($y = -1$)

6. $b \left(\frac{-8}{c} + (-10) \right) - (-2)$
($c = -6, b = -3$)

3. $\frac{-8}{c \cdot \frac{c}{2 \cdot (-4)}}$
($c = 1$)

7. $b - (b + c) + 5b$
($c = 6, b = -10$)

4. $\frac{v + y - (-2)}{2v}$
($y = -6, v = -3$)

8. $\frac{\left(\frac{6}{z}\right)}{\frac{10}{2} \cdot (-1)}$
($z = 7$)