

Evaluation d'Expressions (G) Solutions

Utilisez la valeur donnée pour évaluer l'expression.

$$\begin{aligned} 1. \quad & \frac{x^4}{-8} - x^4 \\ & (x = 2) \\ & = -18 \end{aligned}$$

$$\begin{aligned} 5. \quad & u - 8 \cdot \frac{-8}{10 - 7} \\ & (u = -7) \\ & = \frac{43}{3} \end{aligned}$$

$$\begin{aligned} 2. \quad & -3 + (-9) \cdot z \cdot z + (-3) \\ & (z = 2) \\ & = -42 \end{aligned}$$

$$\begin{aligned} 6. \quad & -1z(z - (-2 + 4)) \\ & (z = -1) \\ & = -3 \end{aligned}$$

$$\begin{aligned} 3. \quad & (x - a) \cdot (-7) - \frac{x}{x} \\ & (a = -10, x = -8) \\ & = -15 \end{aligned}$$

$$\begin{aligned} 7. \quad & \left(\frac{x}{z} - (-10) - x \right)^2 \\ & (x = 8, z = 6) \\ & = \frac{100}{9} \end{aligned}$$

$$\begin{aligned} 4. \quad & (-7 + 5) \cdot c + c^4 \\ & (c = 1) \\ & = -1 \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{\frac{-9}{8} - (3 - y)}{6} \\ & (y = -3) \\ & = -\frac{19}{16} \end{aligned}$$

Evaluation d'Expressions (H)

Utilisez la valeur donnée pour évaluer l'expression.

1. $u + \frac{x}{a^3} \cdot x$
($a = -3, x = -6, u = -6$)

5. $-9 - \left(\frac{a}{4} + (-4)\right)^4$
($a = 8$)

2. $\frac{3 \cdot \frac{u}{b}}{5b}$
($b = -4, u = -4$)

6. $u + (-10) - (-6 - (u - b))$
($b = 9, u = -1$)

3. $x + v(v - yv)$
($y = -1, x = 7, v = 2$)

7. $(-7) \cdot x \cdot \frac{\left(\frac{x}{5}\right)}{-3}$
($x = -6$)

4. $a - (-10) - (7^2 + a)$
($a = 5$)

8. $-2 - \frac{b}{b} + \frac{b}{-10}$
($b = -2$)