

## Evaluation d'Expressions (H)

Utilisez la valeur donnée pour évaluer l'expression.

$$1. \frac{\frac{u}{u} + 5}{y} \cdot -9y$$

$(y = 2, u = 10)$

$$5. (y + (-5)(y + 6 + v))^4$$

$(y = 4, v = -7)$

$$2. \frac{-9 - v(5 - 6)}{u} \cdot 6$$

$(u = -8, v = -8)$

$$6. \left( \frac{(3 + u) \cdot (-1)}{\left(\frac{-5}{x}\right)} \right)^3$$

$(x = 1, u = -8)$

$$3. 10^2 \left( \frac{-3}{6} + b + (-6) \right)$$

$(b = 7)$

$$7. \frac{b}{z + z + (-10) - (-6)} - 3$$

$(b = 7, z = 10)$

$$4. c - \frac{c}{c + \frac{6}{y}} \cdot z$$

$(y = 10, c = -6, z = -5)$

$$8. \frac{v}{z} \left( c + \frac{-8 + v}{-6} \right)$$

$(c = 8, z = 9, v = 8)$

## Evaluation d'Expressions (H) Solutions

Utilisez la valeur donnée pour évaluer l'expression.

$$\begin{aligned} 1. \quad & \frac{\frac{u}{u} + 5}{y} \cdot -9y \\ & (y = 2, u = 10) \\ & = -54 \end{aligned}$$

$$\begin{aligned} 5. \quad & (y + (-5)(y + 6 + v))^4 \\ & (y = 4, v = -7) \\ & = 81 \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{-9 - v(5 - 6)}{u} \cdot 6 \\ & (u = -8, v = -8) \\ & = -\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 6. \quad & \left( \frac{(3 + u) \cdot (-1)}{\left(\frac{-5}{x}\right)} \right)^3 \\ & (x = 1, u = -8) \\ & = -1 \end{aligned}$$

$$\begin{aligned} 3. \quad & 10^2 \left( \frac{-3}{6} + b + (-6) \right) \\ & (b = 7) \\ & = 50 \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{b}{z + z + (-10) - (-6)} - 3 \\ & (b = 7, z = 10) \\ & = -\frac{41}{16} \end{aligned}$$

$$\begin{aligned} 4. \quad & c - \frac{c}{c + \frac{6}{y}} \cdot z \\ & (y = 10, c = -6, z = -5) \\ & = -\frac{4}{9} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{v}{z} \left( c + \frac{-8 + v}{-6} \right) \\ & (c = 8, z = 9, v = 8) \\ & = \frac{64}{9} \end{aligned}$$