

## Evaluation d'Expressions (D) Solutions

Utilisez la valeur donnée pour évaluer l'expression.

$$\begin{aligned} 1. & \left( (-5 + 6)^2 \cdot c \cdot a \right)^2 \\ & (a = -2, c = 5) \\ & = 100 \end{aligned}$$

$$\begin{aligned} 5. & \frac{-9}{9} \cdot z \cdot (-9) \cdot \frac{-1}{-1} \\ & (z = -6) \\ & = -54 \end{aligned}$$

$$\begin{aligned} 2. & \frac{8}{z} + \frac{b - b + b}{8} \\ & (z = -8, b = -6) \\ & = -\frac{7}{4} \end{aligned}$$

$$\begin{aligned} 6. & \frac{\left( \frac{u}{(-3+z)^2} \right)}{3+x} \\ & (x = -6, z = -1, u = 4) \\ & = -\frac{1}{12} \end{aligned}$$

$$\begin{aligned} 3. & \frac{(-5) \cdot \frac{-5+c}{c}}{6} \\ & (c = -3) \\ & = -\frac{10}{9} \end{aligned}$$

$$\begin{aligned} 7. & y \left( y + (-2) + \frac{-4}{4} \cdot x \right) \\ & (y = -10, x = -8) \\ & = 40 \end{aligned}$$

$$\begin{aligned} 4. & (y + 4) \cdot 5 - (y - 4^2) \\ & (y = -7) \\ & = 8 \end{aligned}$$

$$\begin{aligned} 8. & \frac{y}{2 \cdot (-4)} - \left( \frac{b}{-2} + b \right) \\ & (y = 6, b = -1) \\ & = -\frac{1}{4} \end{aligned}$$

## Evaluation d'Expressions (E)

Utilisez la valeur donnée pour évaluer l'expression.

$$1. \frac{y}{(-4) \cdot \frac{c-4}{10}}$$

$(y = 3, c = -10, b = -10)$

$$5. \frac{-3 + 6}{\frac{v+4}{10} - x}$$

$(x = -6, v = 1)$

$$2. \frac{a - (-7)}{\left(\frac{2}{5}\right)} - 8^2$$

$(a = 6)$

$$6. \frac{7 - v + x}{6} - z - x$$

$(x = 5, z = -9, v = -2)$

$$3. \left(\frac{a}{-6}\right)^2 (3 - a \cdot a)$$

$(a = -6)$

$$7. -2 - (-10) - \frac{-1}{6} - u - a$$

$(a = 10, u = 6)$

$$4. \frac{y}{-10 + z} + \frac{z - (-4)}{8}$$

$(y = 3, z = 6)$

$$8. a(a + (-7))(-7 - (a - 6))$$

$(a = -3)$