

## Priorité des Opérations (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Effectuez chaque expression à l'aide de l'ordre correct des opérations.

$$(-6) - (-4)^3 \times (((-2) + 2) \div 4)^2$$

$$((-4) \times (-8)) \div ((4 + (-3) - 3) \div (-2))^3$$

$$((2 + (-8)) \div (-3)) \times (3^2 - (-5) - (-2))$$

$$(2^2 \times (6 - 9)) \div 3 + (-4)^2$$

$$(9 + (-8))^3 \times ((-6)^2 \div (4 - 5))$$

$$(8 \div ((-10) + 9)^3) \times ((-6) - (-8) + 7)$$

## Priorité des Opérations (E) Réponses

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Effectuez chaque expression à l'aide de l'ordre correct des opérations.

$$\begin{aligned} & (-6) - (-4)^3 \times \left( \left( \underline{(-2) + 2} \right) \div 4 \right)^2 \\ &= (-6) - (-4)^3 \times \left( \underline{0 \div 4} \right)^2 \\ &= (-6) - \underline{(-4)^3} \times 0^2 \\ &= (-6) - (-64) \times \underline{0^2} \\ &= (-6) - \underline{(-64) \times 0} \\ &= \underline{(-6) - 0} \\ &= -6 \end{aligned}$$

$$\begin{aligned} & \left( \underline{(-4) \times (-8)} \right) \div \left( (4 + (-3) - 3) \div (-2) \right)^3 \\ &= 32 \div \left( \left( \underline{4 + (-3)} - 3 \right) \div (-2) \right)^3 \\ &= 32 \div \left( \underline{(1 - 3)} \div (-2) \right)^3 \\ &= 32 \div \left( \underline{(-2) \div (-2)} \right)^3 \\ &= 32 \div \underline{1^3} \\ &= \underline{32 \div 1} \\ &= 32 \end{aligned}$$

$$\begin{aligned} & \left( \left( \underline{2 + (-8)} \right) \div (-3) \right) \times (3^2 - (-5) - (-2)) \\ &= \left( \underline{(-6) \div (-3)} \right) \times (3^2 - (-5) - (-2)) \\ &= 2 \times \left( \underline{3^2} - (-5) - (-2) \right) \\ &= 2 \times \left( \underline{9 - (-5)} - (-2) \right) \\ &= 2 \times \left( \underline{14 - (-2)} \right) \\ &= \underline{2 \times 16} \\ &= 32 \end{aligned}$$

$$\begin{aligned} & (2^2 \times \underline{(6 - 9)}) \div 3 + (-4)^2 \\ &= \left( \underline{2^2} \times (-3) \right) \div 3 + (-4)^2 \\ &= \left( \underline{4 \times (-3)} \right) \div 3 + (-4)^2 \\ &= (-12) \div 3 + \underline{(-4)^2} \\ &= \underline{(-12) \div 3} + 16 \\ &= \underline{(-4) + 16} \\ &= 12 \end{aligned}$$

$$\begin{aligned} & \left( \underline{9 + (-8)} \right)^3 \times \left( (-6)^2 \div (4 - 5) \right) \\ &= 1^3 \times \left( (-6)^2 \div \underline{(4 - 5)} \right) \\ &= 1^3 \times \left( \underline{(-6)^2} \div (-1) \right) \\ &= 1^3 \times \left( \underline{36 \div (-1)} \right) \\ &= \underline{1^3} \times (-36) \\ &= \underline{1 \times (-36)} \\ &= -36 \end{aligned}$$

$$\begin{aligned} & \left( 8 \div \left( \underline{(-10) + 9} \right)^3 \right) \times ((-6) - (-8) + 7) \\ &= \left( 8 \div \underline{(-1)^3} \right) \times ((-6) - (-8) + 7) \\ &= \left( \underline{8 \div (-1)} \right) \times ((-6) - (-8) + 7) \\ &= (-8) \times \left( \underline{(-6) - (-8)} + 7 \right) \\ &= (-8) \times \underline{(2 + 7)} \\ &= \underline{(-8) \times 9} \\ &= -72 \end{aligned}$$