

Priorité des Opérations (F)

Name: _____

Date: _____

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

$$(-8) + 4 \div (9 - 10) \times ((-10) \div 5)^2$$

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

$$(((-4) + 4) \times (-7)^2) \div (-8) - 2^2$$

$$(6 + (-5)) \div (8 - 7) \times (-3) + (-9)^2$$

$$((-2) \div 2) \times (3^2 + 8 - 10)^2$$

$$((-4)^2 \div ((-9) - 4 + (-3)))^2 \times (-7)$$

Priorité des Opérations (F) Réponses

Name: _____

Date: _____

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

$$\begin{aligned} & (-8) + 4 \div \left((9 - 10) \times ((-10) \div 5)^2 \right) \\ &= (-8) + 4 \div \left((-1) \times \left(\frac{-10}{5} \right)^2 \right) \\ &= (-8) + 4 \div \left((-1) \times (-2)^2 \right) \\ &= (-8) + 4 \div \left((-1) \times 4 \right) \\ &= (-8) + \frac{4}{-4} \\ &= \frac{-8}{1} + \frac{-1}{1} \\ &= -9 \end{aligned}$$

$$\begin{aligned} & \left(\left(\frac{-9}{9} \right) \times 3 \right) \div (8 - 5)^3 \div 4 \\ &= \frac{0 \times 3}{1} \div (8 - 5)^3 \div 4 \\ &= 0 \div (8 - 5)^3 \div 4 \\ &= 0 \div 3^3 \div 4 \\ &= \frac{0}{27} \div 4 \\ &= \frac{0}{4} \\ &= 0 \end{aligned}$$

$$\begin{aligned} & \left(\left(\frac{-4}{4} \right) \times (-7)^2 \right) \div (-8) - 2^2 \\ &= \left(0 \times (-7)^2 \right) \div (-8) - 2^2 \\ &= \frac{0 \times 49}{1} \div (-8) - 2^2 \\ &= 0 \div (-8) - 2^2 \\ &= \frac{0}{-8} - 4 \\ &= 0 - 4 \\ &= -4 \end{aligned}$$

$$\begin{aligned} & \left(\frac{6}{1} + (-5) \right) \div (8 - 7) \times (-3) + (-9)^2 \\ &= 1 \div (8 - 7) \times (-3) + (-9)^2 \\ &= 1 \div 1 \times (-3) + (-9)^2 \\ &= \frac{1}{1} \times (-3) + 81 \\ &= \frac{1}{1} \times (-3) + 81 \\ &= \frac{-3}{1} + 81 \\ &= -3 + 81 \\ &= 78 \end{aligned}$$

$$\begin{aligned} & \left(\frac{-2}{2} \right) \times (3^2 + 8 - 10)^2 \\ &= (-1) \times (3^2 + 8 - 10)^2 \\ &= (-1) \times (9 + 8 - 10)^2 \\ &= (-1) \times (17 - 10)^2 \\ &= (-1) \times 7^2 \\ &= \frac{-1}{1} \times 49 \\ &= -49 \end{aligned}$$

$$\begin{aligned} & ((-4)^2 \div \left(\frac{-9}{1} - 4 + (-3) \right))^2 \times (-7) \\ &= \left((-4)^2 \div \left((-13) + (-3) \right) \right)^2 \times (-7) \\ &= \left(\frac{(-4)^2}{-16} \right)^2 \times (-7) \\ &= \left(\frac{16}{-16} \right)^2 \times (-7) \\ &= \frac{(-1)^2}{1} \times (-7) \\ &= \frac{1}{1} \times (-7) \\ &= -7 \end{aligned}$$