

Priorité des Opérations (A)

Name: _____

Date: _____

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

$$8^2 - 10 + 6 \times ((-8) \div (-4))$$

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

$$10 \div (-2) \times (3 - 5 + 6)^2$$

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

$$(-5) \times (-7) + (-10)^2 \div (8 - 3)$$

$$(-3) + 3^2 \times ((-4) \div (10 - 6))$$

Priorité des Opérations (A) Réponses

Name: _____

Date: _____

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

$$\begin{aligned}8^2 - 10 + 6 \times \left(\frac{-8}{-4} \right) \\&= 8^2 - 10 + 6 \times 2 \\&= 64 - 10 + 6 \times 2 \\&= 64 - 10 + 12 \\&= 54 + 12 \\&= 66\end{aligned}$$

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

$$\begin{aligned}10 \div (-2) \times (3 - 5 + 6)^2 \\&= 10 \div (-2) \times \left(\frac{-2}{-2} + 6 \right)^2 \\&= 10 \div (-2) \times 4^2 \\&= 10 \div (-2) \times 16 \\&= (-5) \times 16 \\&= -80\end{aligned}$$

$$\begin{aligned}\left(2 - 5 \times (-2) + (-9) \right)^2 \div 9 \\&= \left(2 - (-10) + (-9) \right)^2 \div 9 \\&= \left(12 + (-9) \right)^2 \div 9 \\&= 3^2 \div 9 \\&= 9 \div 9 \\&= 1\end{aligned}$$

$$\begin{aligned}(-5) \times (-7) + (-10)^2 \div (8 - 3) \\&= (-5) \times (-7) + \frac{(-10)^2}{5} \\&= (-5) \times (-7) + 100 \div 5 \\&= 35 + 100 \div 5 \\&= 35 + 20 \\&= 55\end{aligned}$$

$$\begin{aligned}(-3) + 3^2 \times \left(\frac{-4}{-4} \div (10 - 6) \right) \\&= (-3) + 3^2 \times \left(\frac{-4}{-4} \div 4 \right) \\&= (-3) + 3^2 \times (-1) \\&= (-3) + 9 \times (-1) \\&= (-3) + (-9) \\&= -12\end{aligned}$$