

Priorité des Opérations (H)

Nom: _____

Date: _____

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

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

$$((-7) - (-10) \div 2 + 3)^2 \times (-6)$$

$$\left(8 - (-2)^2 + (-4)\right) \div (-5) \times 3$$

$$(7^2 \div (-7) + 10) \times ((-4) - 9)$$

$$(-10) \div (3^2 - (-3) + (-7)) \times (-9)$$

$$(7 - 5)^3 \times 10 \div ((-2) + 6)$$

Priorité des Opérations (H) Réponses

Nom: _____

Date: _____

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

$$\begin{aligned} & (\underline{10 \div 2}) \times (-3) + 8^2 - (-2) \\ &= 5 \times (-3) + \underline{8^2} - (-2) \\ &= \underline{5 \times (-3)} + 64 - (-2) \\ &= \underline{(-15) + 64} - (-2) \\ &= \underline{49 - (-2)} \\ &= \underline{51} \end{aligned}$$

$$\begin{aligned} & \left((-7) - \underline{(-10) \div 2} + 3 \right)^2 \times (-6) \\ &= \left(\underline{(-7) - (-5)} + 3 \right)^2 \times (-6) \\ &= \left(\underline{(-2) + 3} \right)^2 \times (-6) \\ &= \underline{1^2} \times (-6) \\ &= \underline{1 \times (-6)} \\ &= \underline{-6} \end{aligned}$$

$$\begin{aligned} & \left(8 - \underline{(-2)^2} + (-4) \right) \div (-5) \times 3 \\ &= (\underline{8 - 4} + (-4)) \div (-5) \times 3 \\ &= \left(\underline{4 + (-4)} \right) \div (-5) \times 3 \\ &= \underline{0 \div (-5)} \times 3 \\ &= \underline{0 \times 3} \\ &= \underline{0} \end{aligned}$$

$$\begin{aligned} & (\underline{7^2} \div (-7) + 10) \times ((-4) - 9) \\ &= \left(\underline{49 \div (-7)} + 10 \right) \times ((-4) - 9) \\ &= \left(\underline{(-7) + 10} \right) \times ((-4) - 9) \\ &= 3 \times \left(\underline{(-4) - 9} \right) \\ &= \underline{3 \times (-13)} \\ &= \underline{-39} \end{aligned}$$

$$\begin{aligned} & (-10) \div (\underline{3^2} - (-3) + (-7)) \times (-9) \\ &= (-10) \div \left(\underline{9 - (-3)} + (-7) \right) \times (-9) \\ &= (-10) \div \left(\underline{12 + (-7)} \right) \times (-9) \\ &= \underline{(-10) \div 5} \times (-9) \\ &= \underline{(-2) \times (-9)} \\ &= \underline{18} \end{aligned}$$

$$\begin{aligned} & (\underline{7 - 5})^3 \times 10 \div ((-2) + 6) \\ &= 2^3 \times 10 \div \left(\underline{(-2) + 6} \right) \\ &= \underline{2^3} \times 10 \div 4 \\ &= \underline{8 \times 10} \div 4 \\ &= \underline{80 \div 4} \\ &= \underline{20} \end{aligned}$$