

Priorité des Opérations (E)

Nom: _____

Date: _____

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

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

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

$$((-2) \div (8 - 10 + 3))^2 \times (-9)$$

$$(2 \times (-10) + (-3)^2 - (-4)) \div (-7)$$

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

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

Priorité des Opérations (E) Réponses

Nom: _____

Date: _____

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

$$\begin{aligned} & \left(\left(\underline{9 - (-6)} \right) \div (-5) + 5 \right) \times 2^3 \\ &= \left(\underline{15 \div (-5)} + 5 \right) \times 2^3 \\ &= \left(\underline{(-3) + 5} \right) \times 2^3 \\ &= 2 \times \underline{2^3} \\ &= \underline{2 \times 8} \\ &= \underline{16} \end{aligned}$$

$$\begin{aligned} & \left(\underline{(-8) + (-6)} - (-7) \right) \times \left((-3)^3 \div (-9) \right) \\ &= \left(\underline{(-14) - (-7)} \right) \times \left((-3)^3 \div (-9) \right) \\ &= (-7) \times \left(\underline{(-3)^3} \div (-9) \right) \\ &= (-7) \times \left(\underline{(-27) \div (-9)} \right) \\ &= \underline{(-7) \times 3} \\ &= \underline{-21} \end{aligned}$$

$$\begin{aligned} & ((-2) \div \underline{8 - 10} + 3)^2 \times (-9) \\ &= \left((-2) \div \left(\underline{(-2) + 3} \right) \right)^2 \times (-9) \\ &= \left(\underline{(-2) \div 1} \right)^2 \times (-9) \\ &= \underline{(-2)^2} \times (-9) \\ &= \underline{4 \times (-9)} \\ &= \underline{-36} \end{aligned}$$

$$\begin{aligned} & \left(2 \times (-10) + \underline{(-3)^2} - (-4) \right) \div (-7) \\ &= \left(\underline{2 \times (-10)} + 9 - (-4) \right) \div (-7) \\ &= \left(\underline{(-20) + 9} - (-4) \right) \div (-7) \\ &= \left(\underline{(-11) - (-4)} \right) \div (-7) \\ &= \underline{(-7) \div (-7)} \\ &= \underline{1} \end{aligned}$$

$$\begin{aligned} & ((-4) \div \underline{2^2} - 4 + 8) \times (-9) \\ &= \left(\underline{(-4) \div 4} - 4 + 8 \right) \times (-9) \\ &= \left(\underline{(-1) - 4} + 8 \right) \times (-9) \\ &= \left(\underline{(-5) + 8} \right) \times (-9) \\ &= \underline{3 \times (-9)} \\ &= \underline{-27} \end{aligned}$$

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