

Priorité des Opérations (A)

Nom: _____

Date: _____

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

$$(2^3 - 8)^3 \div ((-8) \times (4 + 7))$$

$$((3 + (-5)) \div (-2))^3 \times 10 - (-10) + (-9)$$

$$(2 \times (7 + 10 - 5)) \div (6^2 \div 9)$$

$$\left((6 - 8)^3 \div (-4) \right)^3 \times 2 + (-10)$$

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

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

Priorité des Opérations (A) Réponses

Nom: _____

Date: _____

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

$$\begin{aligned} & (2^3 - 8)^3 \div ((-8) \times (4 + 7)) \\ &= (8 - 8)^3 \div ((-8) \times (4 + 7)) \\ &= 0^3 \div ((-8) \times (4 + 7)) \\ &= 0^3 \div ((-8) \times 11) \\ &= 0^3 \div (-88) \\ &= 0 \div (-88) \\ &= 0 \end{aligned}$$

$$\begin{aligned} & \left((3 + (-5)) \div (-2) \right)^3 \times 10 - (-10) + (-9) \\ &= \left((-2) \div (-2) \right)^3 \times 10 - (-10) + (-9) \\ &= 1^3 \times 10 - (-10) + (-9) \\ &= 1 \times 10 - (-10) + (-9) \\ &= 10 - (-10) + (-9) \\ &= 20 + (-9) \\ &= 11 \end{aligned}$$

$$\begin{aligned} & (2 \times (7 + 10 - 5)) \div (6^2 \div 9) \\ &= (2 \times (17 - 5)) \div (6^2 \div 9) \\ &= (2 \times 12) \div (6^2 \div 9) \\ &= 24 \div (6^2 \div 9) \\ &= 24 \div (36 \div 9) \\ &= 24 \div 4 \\ &= 6 \end{aligned}$$

$$\begin{aligned} & \left((6 - 8)^3 \div (-4) \right)^3 \times 2 + (-10) \\ &= \left((-2)^3 \div (-4) \right)^3 \times 2 + (-10) \\ &= \left((-8) \div (-4) \right)^3 \times 2 + (-10) \\ &= 2^3 \times 2 + (-10) \\ &= 8 \times 2 + (-10) \\ &= 16 + (-10) \\ &= 6 \end{aligned}$$

$$\begin{aligned} & 8 \div \left((-2) - (-6) \right) \times (9 + (-9)) \times (-4)^2 \\ &= 8 \div 4 \times (9 + (-9)) \times (-4)^2 \\ &= 8 \div 4 \times 0 \times (-4)^2 \\ &= 8 \div 4 \times 0 \times 16 \\ &= 2 \times 0 \times 16 \\ &= 0 \times 16 \\ &= 0 \end{aligned}$$

$$\begin{aligned} & \left((-3) - 9 + (-9) \right) \times (2^2 \div ((-6) - (-7))) \\ &= \left((-12) + (-9) \right) \times (2^2 \div ((-6) - (-7))) \\ &= (-21) \times \left(2^2 \div \left((-6) - (-7) \right) \right) \\ &= (-21) \times (2^2 \div 1) \\ &= (-21) \times (4 \div 1) \\ &= (-21) \times 4 \\ &= -84 \end{aligned}$$