

Priorité des Opérations (B)

Nom: _____

Date: _____

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

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

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

$$((-6) + (-5) - 4^3 \div (-4)) \times 5$$

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

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

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

Priorité des Opérations (B) Réponses

Nom: _____

Date: _____

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

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

$$\begin{aligned} & 2 \times ((-8) + (-3) \div 3 - (-6))^3 \\ & = 2 \times ((-8) + (-1) - (-6))^3 \\ & = 2 \times ((-9) - (-6))^3 \\ & = 2 \times (-3)^3 \\ & = \underline{2 \times (-27)} \\ & = -54 \end{aligned}$$

$$\begin{aligned} & ((-6) + (-5) - 4^3 \div (-4)) \times 5 \\ & = ((-6) + (-5) - \underline{64 \div (-4)}) \times 5 \\ & = ((-6) + (-5) - (-16)) \times 5 \\ & = (\underline{(-11) - (-16)}) \times 5 \\ & = \underline{5 \times 5} \\ & = 25 \end{aligned}$$

$$\begin{aligned} & (10 - (-3) \times (-2) + (-6)^2) \div 8 \\ & = (10 - \underline{(-3) \times (-2)} + 36) \div 8 \\ & = (\underline{10 - 6} + 36) \div 8 \\ & = \underline{(4 + 36)} \div 8 \\ & = \underline{40 \div 8} \\ & = 5 \end{aligned}$$

$$\begin{aligned} & 3 \times (2^2 \div (-4) - 7 + (-8)) \\ & = 3 \times (\underline{4 \div (-4)} - 7 + (-8)) \\ & = 3 \times (\underline{(-1) - 7} + (-8)) \\ & = 3 \times (\underline{(-8) + (-8)}) \\ & = \underline{3 \times (-16)} \\ & = -48 \end{aligned}$$

$$\begin{aligned} & ((-4) \times (-3)^2) \div 4 + 6 - (-10) \\ & = (\underline{(-4) \times 9}) \div 4 + 6 - (-10) \\ & = \underline{(-36) \div 4} + 6 - (-10) \\ & = \underline{(-9) + 6} - (-10) \\ & = \underline{(-3) - (-10)} \\ & = 7 \end{aligned}$$