

## Priorité des Opérations (B)

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

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

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

$$\left((-9) + (-4) - (-10)\right) \times \left((-5) \div (2 - (-3))\right)^3$$

$$(8 - 9)^3 \times \left(6 + (-8)^2\right) \div (-5)$$

$$9 - (-4) \times \left(\left(3 + (-5)\right)^3 \div (-8)\right)^3$$

$$\left(5 \div (-5)\right)^2 \times \left((-9)^2 + 8 - 7\right)$$

$$\left(9 + (-8)\right)^3 \times \left((-6)^2 \div (4 - 5)\right)$$

## Priorité des Opérations (B) Réponses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_

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

$$\begin{aligned} & \left( \underline{(-10)^2} - 10^2 \right) \div (5 + (-3)) \times 3 \\ & = (100 - \underline{10^2}) \div (5 + (-3)) \times 3 \\ & = \underline{(100 - 100)} \div (5 + (-3)) \times 3 \\ & = 0 \div \left( \underline{5 + (-3)} \right) \times 3 \\ & = \underline{0 \div 2} \times 3 \\ & = \underline{0 \times 3} \\ & = 0 \end{aligned}$$

$$\begin{aligned} & \left( \underline{(-9) + (-4)} - (-10) \right) \times ((-5) \div (2 - (-3)))^3 \\ & = \left( \underline{(-13) - (-10)} \right) \times ((-5) \div (2 - (-3)))^3 \\ & = (-3) \times \left( (-5) \div \left( \underline{2 - (-3)} \right) \right)^3 \\ & = (-3) \times \left( \underline{(-5) \div 5} \right)^3 \\ & = (-3) \times \underline{(-1)^3} \\ & = \underline{(-3) \times (-1)} \\ & = 3 \end{aligned}$$

$$\begin{aligned} & \underline{(8 - 9)^3} \times \left( 6 + (-8)^2 \right) \div (-5) \\ & = (-1)^3 \times \left( 6 + \underline{(-8)^2} \right) \div (-5) \\ & = (-1)^3 \times \underline{(6 + 64)} \div (-5) \\ & = \underline{(-1)^3} \times 70 \div (-5) \\ & = \underline{(-1) \times 70} \div (-5) \\ & = \underline{(-70) \div (-5)} \\ & = 14 \end{aligned}$$

$$\begin{aligned} & 9 - (-4) \times \left( \left( \underline{3 + (-5)} \right)^3 \div (-8) \right)^3 \\ & = 9 - (-4) \times \left( \underline{(-2)^3} \div (-8) \right)^3 \\ & = 9 - (-4) \times \left( \underline{(-8) \div (-8)} \right)^3 \\ & = 9 - (-4) \times \underline{1^3} \\ & = 9 - \underline{(-4) \times 1} \\ & = \underline{9 - (-4)} \\ & = 13 \end{aligned}$$

$$\begin{aligned} & \left( \underline{5 \div (-5)} \right)^2 \times \left( (-9)^2 + 8 - 7 \right) \\ & = (-1)^2 \times \left( \underline{(-9)^2} + 8 - 7 \right) \\ & = (-1)^2 \times \underline{(81 + 8 - 7)} \\ & = (-1)^2 \times \underline{(89 - 7)} \\ & = \underline{(-1)^2} \times 82 \\ & = \underline{1 \times 82} \\ & = 82 \end{aligned}$$

$$\begin{aligned} & \left( \underline{9 + (-8)} \right)^3 \times \left( (-6)^2 \div (4 - 5) \right) \\ & = 1^3 \times \left( (-6)^2 \div \underline{(4 - 5)} \right) \\ & = 1^3 \times \left( \underline{(-6)^2} \div (-1) \right) \\ & = 1^3 \times \left( \underline{36 \div (-1)} \right) \\ & = \underline{1^3} \times (-36) \\ & = \underline{1 \times (-36)} \\ & = -36 \end{aligned}$$