Order of Operations (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$(7 - 5)^3 \times (-4)$

$6^2 + (-6) \times (-7)$

$7 \times 9 - 5^2$

$5 \times ((-4) + 6)^2$

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

$(2 - 6)^2 \times (-5)$

$\left(2 - (-2)^2\right) \times 5$

$3^3 + (-5) \times 9$

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

$(-9) \times \left((-7) + 4^2\right)$

Order of Operations (B) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$(\underline{7-5})^3 \times (-4)$

$= \underline{2^3} \times (-4)$

$= \underline{8 \times (-4)}$

$= -32$

$\underline{6^2} + (-6) \times (-7)$

$= 36 + \underline{(-6) \times (-7)}$

$= \underline{36 + 42}$

$= 78$

$7 \times 9 - \underline{5^2}$

$= \underline{7 \times 9} - 25$

$= \underline{63 - 25}$

$= 38$

$5 \times \left(\underline{(-4)+6}\right)^2$

$= 5 \times \underline{2^2}$

$= \underline{5 \times 4}$

$= 20$

$\underline{(-2)^2} \times 10 + 8$

$= \underline{4 \times 10} + 8$

$= \underline{40 + 8}$

$= 48$

$\left(\underline{2-6}\right)^2 \times (-5)$

$= \underline{(-4)^2} \times (-5)$

$= \underline{16 \times (-5)}$

$= -80$

$\left(2 - \underline{(-2)^2}\right) \times 5$

$= \left(\underline{2-4}\right) \times 5$

$= \underline{(-2) \times 5}$

$= -10$

$\underline{3^3} + (-5) \times 9$

$= 27 + \underline{(-5) \times 9}$

$= \underline{27 + (-45)}$

$= -18$

$10 \times \left(\underline{2^3} + (-5)\right)$

$= 10 \times \left(\underline{8 + (-5)}\right)$

$= \underline{10 \times 3}$

$= 30$

$(-9) \times \left((-7) + \underline{4^2}\right)$

$= (-9) \times \left(\underline{(-7) + 16}\right)$

$= \underline{(-9) \times 9}$

$= -81$