Order of Operations (C)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(-2)^3 \div (-4) + 3$

$(-4)^2 + 7 \times (-6)$

$(-2) \times 3^2 - (-5)$

$8 \times (-2) - (-4)^2$

$8 \times \left((-6) + 2^2\right)$

$(-2)^3 \times 10 - 3$

$5 \times \left(7 + (-2)^3\right)$

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

$5^2 - (-7) \times 3$

$5 \times (-8) + 9^2$

Order of Operations (C) Answers

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$\underline{(-2)^3} \div (-4) + 3$
$= \underline{(-8) \div (-4)} + 3$
$= \underline{2 + 3}$
$= 5$

$\underline{(-4)^2} + 7 \times (-6)$
$= 16 + \underline{7 \times (-6)}$
$= \underline{16 + (-42)}$
$= -26$

$(-2) \times \underline{3^2} - (-5)$
$= \underline{(-2) \times 9} - (-5)$
$= \underline{(-18) - (-5)}$
$= -13$

$8 \times (-2) - \underline{(-4)^2}$
$= \underline{8 \times (-2)} - 16$
$= \underline{(-16) - 16}$
$= -32$

$8 \times ((-6) + \underline{2^2})$
$= 8 \times \left(\underline{(-6) + 4}\right)$
$= \underline{8 \times (-2)}$
$= -16$

$\underline{(-2)^3} \times 10 - 3$
$= \underline{(-8) \times 10} - 3$
$= \underline{(-80) - 3}$
$= -83$

$5 \times \left(7 + \underline{(-2)^3}\right)$
$= 5 \times \left(\underline{7 + (-8)}\right)$
$= \underline{5 \times (-1)}$
$= -5$

$6 + \underline{3^2} \times (-4)$
$= 6 + \underline{9 \times (-4)}$
$= \underline{6 + (-36)}$
$= -30$

$\underline{5^2} - (-7) \times 3$
$= 25 - \underline{(-7) \times 3}$
$= \underline{25 - (-21)}$
$= 46$

$5 \times (-8) + \underline{9^2}$
$= \underline{5 \times (-8)} + 81$
$= \underline{(-40) + 81}$
$= 41$