Order of Operations (J)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$(-7) \times (((-5) - (-3) + 8) \div 3)$

$(8 - (-7) \div 7) \times (-6) + (-10)$

$(7 + (-4)) \times ((-10) - (-7)) \div (-9)$

$((-6) - 2 \div (-2)) \times (9 + 6)$

$10 - 4 \times ((-8) \div 2 + 7)$

$(10 - 3 \times (-7) + 9) \div 5$

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

$(-4) \div (4 - 8 + 3) \times (-3)$

Order of Operations (J) Answers

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$(-7) \times \left(\left(\underline{(-5) - (-3)} + 8\right) \div 3\right)$
$= (-7) \times \left(\left(\underline{(-2) + 8}\right) \div 3\right)$
$= (-7) \times (\underline{6 \div 3})$
$= \underline{(-7) \times 2}$
$= -14$

$\left(8 - \underline{(-7) \div 7}\right) \times (-6) + (-10)$
$= \left(\underline{8 - (-1)}\right) \times (-6) + (-10)$
$= \underline{9 \times (-6)} + (-10)$
$= \underline{(-54) + (-10)}$
$= -64$

$\left(\underline{7 + (-4)}\right) \times ((-10) - (-7)) \div (-9)$
$= 3 \times \left(\underline{(-10) - (-7)}\right) \div (-9)$
$= \underline{3 \times (-3)} \div (-9)$
$= \underline{(-9) \div (-9)}$
$= 1$

$\left((-6) - \underline{2 \div (-2)}\right) \times (9 + 6)$
$= \left(\underline{(-6) - (-1)}\right) \times (9 + 6)$
$= (-5) \times (\underline{9 + 6})$
$= \underline{(-5) \times 15}$
$= -75$

$10 - 4 \times \left(\underline{(-8) \div 2} + 7\right)$
$= 10 - 4 \times \left(\underline{(-4) + 7}\right)$
$= 10 - \underline{4 \times 3}$
$= \underline{10 - 12}$
$= -2$

$\left(10 - \underline{3 \times (-7)} + 9\right) \div 5$
$= \left(\underline{10 - (-21)} + 9\right) \div 5$
$= (\underline{31 + 9}) \div 5$
$= \underline{40 \div 5}$
$= 8$

$(\underline{4 - 8}) \times (-6) \div 2 + (-9)$
$= \underline{(-4) \times (-6)} \div 2 + (-9)$
$= \underline{24 \div 2} + (-9)$
$= \underline{12 + (-9)}$
$= 3$

$(-4) \div (\underline{4 - 8} + 3) \times (-3)$
$= (-4) \div \left(\underline{(-4) + 3}\right) \times (-3)$
$= \underline{(-4) \div (-1)} \times (-3)$
$= \underline{4 \times (-3)}$
$= -12$