Order of Operations (G)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$10 \times (((-6) + (-2) - (-8)) \div 5)^2$

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

$5 \div ((-8) - (-9)) \times (-5) + 4^2$

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

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

$((-7) - (-10) \div 2 + 3)^2 \times (-6)$

Order of Operations (G) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$10 \times \left(\left(\underline{(-6) + (-2)} - (-8)\right) \div 5\right)^2$

$= 10 \times \left(\left(\underline{(-8) - (-8)}\right) \div 5\right)^2$

$= 10 \times \left(\underline{0 \div 5}\right)^2$

$= 10 \times \underline{0^2}$

$= \underline{10 \times 0}$

$= 0$

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

$= 5 \div \left(\underline{12 + (-4)} - 9\right)^3$

$= 5 \div \left(\underline{8 - 9}\right)^3$

$= 5 \div \underline{(-1)^3}$

$= \underline{5 \div (-1)}$

$= -5$

$5 \div \left(\underline{(-8) - (-9)}\right) \times (-5) + 4^2$

$= 5 \div 1 \times (-5) + \underline{4^2}$

$= \underline{5 \div 1} \times (-5) + 16$

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

$= \underline{(-25) + 16}$

$= -9$

$(-3) \times (7 - 3 + \underline{2^3} \div 8)$

$= (-3) \times (7 - 3 + \underline{8 \div 8})$

$= (-3) \times (\underline{7 - 3} + 1)$

$= (-3) \times (\underline{4 + 1})$

$= \underline{(-3) \times 5}$

$= -15$

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

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

$= (-2) - \underline{16 \div (-4)} \times (-3)$

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

$= \underline{(-2) - 12}$

$= -14$

$\left((-7) - \underline{(-10) \div 2} + 3\right)^2 \times (-6)$

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

$= \left(\underline{(-2) + 3}\right)^2 \times (-6)$

$= \underline{1^2} \times (-6)$

$= \underline{1 \times (-6)}$

$= -6$

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