Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$(4^2 - 8) \times (-9)$

$9 \div 3 - (-9)^2$

$(-7)^2 - (-10) \times (-3)$

$(-8) \times (-9) + (-3)^3$

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

$(-8) \times ((-3)^2 + (-10))$

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

$(-4)^3 - (-6) \div 3$

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

Order of Operations (I) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$\left((-7)-(-5)\right)^3 \div 4$

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

$= (-8) \div 4$

$= -2$

$(4^2 - 8) \times (-9)$

$= (16 - 8) \times (-9)$

$= 8 \times (-9)$

$= -72$

$9 \div 3 - (-9)^2$

$= 9 \div 3 - 81$

$= 3 - 81$

$= -78$

$(-7)^2 - (-10) \times (-3)$

$= 49 - (-10) \times (-3)$

$= 49 - 30$

$= 19$

$(-8) \times (-9) + (-3)^3$

$= (-8) \times (-9) + (-27)$

$= 72 + (-27)$

$= 45$

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

$= (-2) \times 4 - 4$

$= (-8) - 4$

$= -12$

$(-8) \times \left((-3)^2 + (-10)\right)$

$= (-8) \times \left(9 + (-10)\right)$

$= (-8) \times (-1)$

$= 8$

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

$= 4 - (-27) \times 3$

$= 4 - (-81)$

$= 85$

$(-4)^3 - (-6) \div 3$

$= (-64) - (-6) \div 3$

$= (-64) - (-2)$

$= -62$

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

$= \left(27 + (-7)\right) \times (-2)$

$= 20 \times (-2)$

$= -40$

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