# Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$(2^2 + (-9)) \div ((-10) - (-5)) \times (-2)$

$(-3)^2 \div 3 \times (5 - 10 + (-8))$

$(-7) \times ((-8) - (-6) + 8 \div (-2)^3)$

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

$(4 \div (2 - (-3) + (-9))) \times (-10)^2$

$((-10) + 2 - (-7)) \times ((-3)^2 \div 9)$

# Order of Operations (A) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$(2^2 + (-9)) \div ((-10) - (-5)) \times (-2)$

$= (4 + (-9)) \div ((-10) - (-5)) \times (-2)$

$= (-5) \div ((-10) - (-5)) \times (-2)$

$= (-5) \div (-5) \times (-2)$

$= 1 \times (-2)$

$= -2$

$(-3)^2 \div 3 \times (5 - 10 + (-8))$

$= (-3)^2 \div 3 \times ((-5) + (-8))$

$= (-3)^2 \div 3 \times (-13)$

$= 9 \div 3 \times (-13)$

$= 3 \times (-13)$

$= -39$

$(-7) \times ((-8) - (-6) + 8 \div (-2)^3)$

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

$= (-7) \times ((-8) - (-6) + (-1))$

$= (-7) \times ((-2) + (-1))$

$= (-7) \times (-3)$

$= 21$

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

$= (15 \div (-5) + 5) \times 2^3$

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

$= 2 \times 2^3$

$= 2 \times 8$

$= 16$

$(4 \div (2 - (-3) + (-9))) \times (-10)^2$

$= (4 \div (5 + (-9))) \times (-10)^2$

$= (4 \div (-4)) \times (-10)^2$

$= (-1) \times (-10)^2$

$= (-1) \times 100$

$= -100$

$((-10) + 2 - (-7)) \times ((-3)^2 \div 9)$

$= ((-8) - (-7)) \times ((-3)^2 \div 9)$

$= (-1) \times ((-3)^2 \div 9)$

$= (-1) \times (9 \div 9)$

$= (-1) \times 1$

$= -1$

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