Order of Operations (E)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

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

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

$((-6) - 4)^2 \div (-4)$

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

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

$7 + 3^2 \times 4$

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

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

$(-8) \times 5 - (-4)^2$

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

Order of Operations (E) Answers

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(-10) + (-8) \times (-2)^2$
$= (-10) + (-8) \times 4$
$= (-10) + (-32)$
$= -42$

$(-2) \times 6 + (-6)^2$
$= (-2) \times 6 + 36$
$= (-12) + 36$
$= 24$

$\left((-6) - 4\right)^2 \div (-4)$
$= (-10)^2 \div (-4)$
$= 100 \div (-4)$
$= -25$

$(-8) \times \left((-2)^2 - (-3)\right)$
$= (-8) \times \left(4 - (-3)\right)$
$= (-8) \times 7$
$= -56$

$(-10) \times (-2)^2 + (-3)$
$= (-10) \times 4 + (-3)$
$= (-40) + (-3)$
$= -43$

$7 + 3^2 \times 4$
$= 7 + 9 \times 4$
$= 7 + 36$
$= 43$

$(-10) + (-9) \times (-2)^2$
$= (-10) + (-9) \times 4$
$= (-10) + (-36)$
$= -46$

$\left((-9) + 8\right) \times 5^2$
$= (-1) \times 5^2$
$= (-1) \times 25$
$= -25$

$(-8) \times 5 - (-4)^2$
$= (-8) \times 5 - 16$
$= (-40) - 16$
$= -56$

$(-2) \times 2^2 + 5$
$= (-2) \times 4 + 5$
$= (-8) + 5$
$= -3$