# Order of Operations (C)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

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

$(-5) \times (-7) + (-10)^2 \div (8 - 3)$

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

$(((-5) - (-9)) \times (-2) + 8)^3 \div 9$

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

$((-7) - (-2)^2 \times 2) \div ((-4) + 9)$

# Order of Operations (C) Answers

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(4 + 5 \times 2^2) \div 3 - (-3)$
$= (4 + 5 \times 4) \div 3 - (-3)$
$= (4 + 20) \div 3 - (-3)$
$= 24 \div 3 - (-3)$
$= 8 - (-3)$
$= 11$

$(-5) \times (-7) + (-10)^2 \div (8 - 3)$
$= (-5) \times (-7) + (-10)^2 \div 5$
$= (-5) \times (-7) + 100 \div 5$
$= 35 + 100 \div 5$
$= 35 + 20$
$= 55$

$((-4) \times 2^3) \div 4 - 9 + 5$
$= ((-4) \times 8) \div 4 - 9 + 5$
$= (-32) \div 4 - 9 + 5$
$= (-8) - 9 + 5$
$= (-17) + 5$
$= -12$

$(((-5) - (-9)) \times (-2) + 8)^3 \div 9$
$= (4 \times (-2) + 8)^3 \div 9$
$= ((-8) + 8)^3 \div 9$
$= 0^3 \div 9$
$= 0 \div 9$
$= 0$

$(6 + 5 \times (-6) - (-4)^2) \div 4$
$= (6 + 5 \times (-6) - 16) \div 4$
$= (6 + (-30) - 16) \div 4$
$= ((-24) - 16) \div 4$
$= (-40) \div 4$
$= -10$

$((-7) - (-2)^2 \times 2) \div ((-4) + 9)$
$= ((-7) - 4 \times 2) \div ((-4) + 9)$
$= ((-7) - 8) \div ((-4) + 9)$
$= (-15) \div ((-4) + 9)$
$= (-15) \div 5$
$= -3$