Order of Operations (H)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(9 \times 10) \div (6 + (-3) - (-6))$

$9 - 6 \div ((-4) + 10) \times 3$

$10 - 9 \div ((-4) + (-5)) \times 3$

$(-9) \times ((4 + 10 - 6) \div 8)$

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

$((-10) + (-4) - 7 \div (-7)) \times (-2)$

$(9 \div 3 + 6) \times 2 - 10$

$((-9) \times 7 + 6 - (-7)) \div 5$

Order of Operations (H) Answers

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(9 \times 10) \div (6 + (-3) - (-6))$
$= 90 \div (6 + (-3) - (-6))$
$= 90 \div (3 - (-6))$
$= 90 \div 9$
$= 10$

$9 - 6 \div ((-4) + 10) \times 3$
$= 9 - 6 \div 6 \times 3$
$= 9 - 1 \times 3$
$= 9 - 3$
$= 6$

$10 - 9 \div ((-4) + (-5)) \times 3$
$= 10 - 9 \div (-9) \times 3$
$= 10 - (-1) \times 3$
$= 10 - (-3)$
$= 13$

$(-9) \times ((4 + 10 - 6) \div 8)$
$= (-9) \times ((14 - 6) \div 8)$
$= (-9) \times (8 \div 8)$
$= (-9) \times 1$
$= -9$

$(9 \times 2 + 6) \div ((-4) - (-3))$
$= (18 + 6) \div ((-4) - (-3))$
$= 24 \div ((-4) - (-3))$
$= 24 \div (-1)$
$= -24$

$((-10) + (-4) - 7 \div (-7)) \times (-2)$
$= ((-10) + (-4) - (-1)) \times (-2)$
$= ((-14) - (-1)) \times (-2)$
$= (-13) \times (-2)$
$= 26$

$(9 \div 3 + 6) \times 2 - 10$
$= (3 + 6) \times 2 - 10$
$= 9 \times 2 - 10$
$= 18 - 10$
$= 8$

$((-9) \times 7 + 6 - (-7)) \div 5$
$= ((-63) + 6 - (-7)) \div 5$
$= ((-57) - (-7)) \div 5$
$= (-50) \div 5$
$= -10$