Order of Operations (A)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$2^3 \times (8 + 4 - 10)$

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

$(3 \times 2^2) \div (6 - 4)$

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

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

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

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

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

$(6 - 2^2 + 5) \times 8$

$(2^3 + 8 - 4) \div 3$

Order of Operations (A)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$2^3 \times (8 + 4 - 10)$
$= 2^3 \times (12 - 10)$
$= 2^3 \times 2$
$= 8 \times 2$
$= 16$

$2 \times (3^3 - 5 + 8)$
$= 2 \times (27 - 5 + 8)$
$= 2 \times (22 + 8)$
$= 2 \times 30$
$= 60$

$(3 \times 2^2) \div (6 - 4)$
$= (3 \times 4) \div (6 - 4)$
$= 12 \div (6 - 4)$
$= 12 \div 2$
$= 6$

$3^3 \times (6 + 2 - 8)$
$= 3^3 \times (8 - 8)$
$= 3^3 \times 0$
$= 27 \times 0$
$= 0$

$(3^2 - 8 + 2) \times 4$
$= (9 - 8 + 2) \times 4$
$= (1 + 2) \times 4$
$= 3 \times 4$
$= 12$

$(9^2 - 8 + 2) \div 5$
$= (81 - 8 + 2) \div 5$
$= (73 + 2) \div 5$
$= 75 \div 5$
$= 15$

$(3 + 5^2 - 8) \times 4$
$= (3 + 25 - 8) \times 4$
$= (28 - 8) \times 4$
$= 20 \times 4$
$= 80$

$(2^3 + 4) \div (9 - 6)$
$= (8 + 4) \div (9 - 6)$
$= 12 \div (9 - 6)$
$= 12 \div 3$
$= 4$

$(6 - 2^2 + 5) \times 8$
$= (6 - 4 + 5) \times 8$
$= (2 + 5) \times 8$
$= 7 \times 8$
$= 56$

$(2^3 + 8 - 4) \div 3$
$= (8 + 8 - 4) \div 3$
$= (16 - 4) \div 3$
$= 12 \div 3$
$= 4$