Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$(4 \times (5 + 2)) \times 6 + 7 + 3 \times 8$

$6 \times 9 + 4 + 8 \times (2 \times (5 + 3))$

$3 \times 4 + 7 + 5 \times (2 \times (9 + 6))$

$(9 + 8) \times 4 \times 2 + 3 \times (5 + 10)$

$7 \times 8 + 5 + 4 \times ((6 + 9) \times 2)$

$4 \times 7 + 10 + 5 \times ((6 + 9) \times 2)$

Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$(4 \times (5 + 2)) \times 6 + 7 + 3 \times 8$

$= (4 \times 7) \times 6 + 7 + 3 \times 8$

$= 28 \times 6 + 7 + 3 \times 8$

$= 168 + 7 + 3 \times 8$

$= 168 + 7 + 24$

$= 175 + 24$

$= 199$

$6 \times 9 + 4 + 8 \times (2 \times (5 + 3))$

$= 6 \times 9 + 4 + 8 \times (2 \times 8)$

$= 6 \times 9 + 4 + 8 \times 16$

$= 54 + 4 + 8 \times 16$

$= 54 + 4 + 128$

$= 58 + 128$

$= 186$

$3 \times 4 + 7 + 5 \times (2 \times (9 + 6))$

$= 3 \times 4 + 7 + 5 \times (2 \times 15)$

$= 3 \times 4 + 7 + 5 \times 30$

$= 12 + 7 + 5 \times 30$

$= 12 + 7 + 150$

$= 19 + 150$

$= 169$

$(9 + 8) \times 4 \times 2 + 3 \times (5 + 10)$

$= 17 \times 4 \times 2 + 3 \times (5 + 10)$

$= 17 \times 4 \times 2 + 3 \times 15$

$= 68 \times 2 + 3 \times 15$

$= 136 + 3 \times 15$

$= 136 + 45$

$= 181$

$7 \times 8 + 5 + 4 \times ((6 + 9) \times 2)$

$= 7 \times 8 + 5 + 4 \times (15 \times 2)$

$= 7 \times 8 + 5 + 4 \times 30$

$= 56 + 5 + 4 \times 30$

$= 56 + 5 + 120$

$= 61 + 120$

$= 181$

$4 \times 7 + 10 + 5 \times ((6 + 9) \times 2)$

$= 4 \times 7 + 10 + 5 \times (15 \times 2)$

$= 4 \times 7 + 10 + 5 \times 30$

$= 28 + 10 + 5 \times 30$

$= 28 + 10 + 150$

$= 38 + 150$

$= 188$