Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$(6 + 3) \times 8 + 2 \times 10$

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

$3 \times 6 + 4 \times (10 + 8)$

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

$(8 \times 2 + 7 + 10) \times 3$

$4 \times 10 + 5 \times (3 + 6)$

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

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

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

Order of Operations (E)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$= 5 + 4 \times (16 + 6)$

$= 5 + 4 \times 22$

$= 5 + 88$

$= 93$

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

$= (4 + 18 + 7) \times 3$

$= (22 + 7) \times 3$

$= 29 \times 3$

$= 87$

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

$= (4 + 16 + 6) \times 3$

$= (20 + 6) \times 3$

$= 26 \times 3$

$= 78$

$4 \times 10 + 5 \times (3 + 6)$

$= 4 \times 10 + 5 \times 9$

$= 40 + 5 \times 9$

$= 40 + 45$

$= 85$

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

$= (6 + 14 + 8) \times 3$

$= (20 + 8) \times 3$

$= 28 \times 3$

$= 84$

$(6 + 3) \times 8 + 2 \times 10$

$= 9 \times 8 + 2 \times 10$

$= 72 + 2 \times 10$

$= 72 + 20$

$= 92$

$3 \times 6 + 4 \times (10 + 8)$

$= 3 \times 6 + 4 \times 18$

$= 18 + 4 \times 18$

$= 18 + 72$

$= 90$

$(8 \times 2 + 7 + 10) \times 3$

$= (16 + 7 + 10) \times 3$

$= (23 + 10) \times 3$

$= 33 \times 3$

$= 99$

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

$= 2 \times (10 + 4 + 35)$

$= 2 \times (14 + 35)$

$= 2 \times 49$

$= 98$

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

$= 2 \times (9 + 8 + 30)$

$= 2 \times (17 + 30)$

$= 2 \times 47$

$= 94$

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