

Associative Law of Multiplication (E)

Name: _____

Date: _____

Re-write each expression with different parentheses to change the order of operations.

Example: $(8 \times 5) \times 12 = 8 \times (5 \times 12)$

1. $(1 \times 6) \times 9 =$
2. $9 \times (4 \times 16) =$
3. $29 \times (6 \times 16) =$
4. $(44 \times 33) \times 11 =$
5. $12 \times (84 \times 44) =$
6. $((3 \times 4) \times 11) \times 7 =$
7. $13 \times ((21 \times 9) \times 2) =$
8. $(3 \times 14) \times (47 \times 34) =$
9. $((90 \times 19) \times 27) \times 54 =$
10. $59 \times ((77 \times 28) \times 2) =$

Are the expressions in each question equal? Check a few to confirm.