

# Associative Law of Multiplication (H)

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.  $(10 \times 3) \times 5 =$

2.  $18 \times (4 \times 13) =$

3.  $(30 \times 12) \times 10 =$

4.  $(14 \times 47) \times 18 =$

5.  $69 \times (63 \times 5) =$

6.  $12 \times (7 \times (6 \times 3)) =$

7.  $(12 \times 20) \times (6 \times 15) =$

8.  $(4 \times 37) \times (32 \times 22) =$

9.  $(12 \times (89 \times 48)) \times 51 =$

10.  $(8 \times (32 \times 85)) \times 50 =$

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