

# Associative Law of Multiplication (F)

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.  $(6 \times 1) \times 10 =$
2.  $(4 \times 12) \times 16 =$
3.  $14 \times (6 \times 24) =$
4.  $43 \times (16 \times 31) =$
5.  $59 \times (9 \times 89) =$
6.  $8 \times ((2 \times 4) \times 12) =$
7.  $(17 \times (22 \times 8)) \times 5 =$
8.  $(13 \times (2 \times 35)) \times 47 =$
9.  $((60 \times 18) \times 96) \times 27 =$
10.  $(9 \times 46) \times (96 \times 53) =$

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