

Associative Law of Multiplication (J)

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. $(5 \times 10) \times 2 =$

2. $5 \times (13 \times 18) =$

3. $(13 \times 10) \times 30 =$

4. $(35 \times 7) \times 31 =$

5. $39 \times (68 \times 23) =$

6. $7 \times ((3 \times 10) \times 5) =$

7. $(1 \times (21 \times 15)) \times 8 =$

8. $45 \times (13 \times (30 \times 8)) =$

9. $((92 \times 67) \times 19) \times 28 =$

10. $(19 \times (53 \times 89)) \times 47 =$

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