Name _____        Date _____

## Applying the Properties of Multiplication Practice Worksheet 1

**Determine the value of n that makes the equation true.**

1.      $9 \times (3 \times 5) = (n \times 3) \times 5$

2.      $5 \times (7 \times 8) = (n \times 7) \times 8$

3.      $8 \times (6 \times 7) = (n \times 6) \times 7$

4.      $7 \times (6 \times 5) = (7 \times n) \times 5$

5.      $4 \times (7 \times 8) = (4 \times 7) \times n$

6.      $5 \times (9 \times 7) = (n \times 9) \times 7$

7.      $8 \times (3 \times 7) = (n \times 3) \times 7$

8.      $9 \times (7 \times 6) = (9 \times 7) \times n$

9.      $5 \times (6 \times 9) = (n \times 6) \times 9$

10.    $8 \times (6 \times 9) = (8 \times n) \times 9$

11.    $12 \times (7 \times 8) = (12 \times 7) \times n$

12.    $5 \times (9 \times 8) = (n \times 9) \times 8$

13.    $10 \times (6 \times 9) = (10 \times n) \times 9$

14.    $12 \times (9 \times 8) = (12 \times 9) \times n$

15.    $15 \times (9 \times 8) = (n \times 9) \times 8$

16.    $14 \times (7 \times 8) = (12 \times 7) \times n$