

Name _____

Properties of Multiplication

True and false.

1) $2 \times (4 \times 5) = (2 \times 4) \times 5$

True

2) $5 \times (4 + 5) = (5 \times 4) \times (5 \times 5)$

False

3) $5 \times (2 \times 4) = (2 \times 4) \times 3$

False

4) $(4 \times 5) = (5 \times 4)$

True

5) $3 \times 1 = 0$

False

6) $7 \times (3 + 4) = (7 \times 3) + (7 \times 4)$

True

7) $0 \times 5 = 0$

False

8) $12 \times 1 = 12$

True

9) $(5 \times 3) + (5 \times 4) = 5 \times (3 + 4)$

True

10) $(7 \times 5) - (7 \times 4) = 5 \times (5 + 4)$

False