

Name _____



Statement Check

Directions: Decide whether each exponent statement is True or False. If it is false, rewrite it so it is correct using the appropriate law of exponents.

1) $6^3 \times 6^4 = 6^7$

2) $9^8 \div 9^2 = 9^{10}$

3) $(5^2)^3 = 5^6$

4) $(2 \times 8)^2 = 2^2 \times 8^2$

5) $(21 \div 7)^3 = 21^3 \div 7^3$

6) $4^5 \times 5^5 = 20^{10}$

7) $(10^3)^2 = 10^5$

8) $12^7 \div 12^4 = 12^3$

9) $(3 \times 9)^4 = 3^4 \times 9^4$

10) $8^2 \times 8^5 = 8^7$