



Name: _____

Date: _____

Exponents Product Rule Worksheet - 1

$$12^{14} \times 12^2 =$$

$$8^5 \times 8^3 =$$

$$13^3 \times 13^3 =$$

$$5^8 \times 5^1 =$$

$$3^8 \times 3^3 =$$

$$8^{15} \times 8^3 =$$

$$6^3 \times 6^2 =$$

$$2^7 \times 2^2 =$$

$$16^9 \times 16^3 =$$

$$4^5 \times 4^6 =$$

$$10^6 \times 10^8 =$$

$$1^1 \times 1^5 =$$

$$14^3 \times 14^2 =$$

$$30^{20} \times 30^5 =$$

$$3^9 \times 3^5 =$$

$$7^{11} \times 7^8 =$$

$$5^7 \times 5^3 =$$

$$8^{14} \times 8^9 =$$

$$11^{20} \times 11^{12} =$$

$$7^{11} \times 7^2 =$$

$$19^4 \times 19^3 =$$



Name: _____

Date: _____

Exponents Product Rule Worksheet - 2

1) $5^2 \times 5^5 =$ _____

2) $9^5 \times 9^2 =$ _____

3) $8^4 \times 8^4 =$ _____

4) $14^4 \times 14^4 =$ _____

5) $4^3 \times 4^6 =$ _____

6) $2^9 \times 2^8 =$ _____

7) $2^7 \times 2^3 =$ _____

8) $12^{10} \times 12^2 =$ _____

9) $3^4 \times 3^8 =$ _____

10) $16^2 \times 16^{12} =$ _____

11) $6^7 \times 6^9 =$ _____

12) $13^4 \times 13^5 =$ _____

13) $9^6 \times 9^5 =$ _____

14) $15^6 \times 15^5 =$ _____

15) $2^9 \times 2^5 =$ _____

16) $9^7 \times 9^2 =$ _____

17) $5^3 \times 5^3 =$ _____

18) $2^7 \times 2^8 =$ _____

19) $2^8 \times 2^4 =$ _____

20) $4^6 \times 4^2 =$ _____