

Concept HW_Grade-7_Exponents

Product Law and Power Law of Exponents

Use the product rule and answer in a single exponent.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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