

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Operations with Scientific Notation

Simplify. Write each answer in scientific notation. Round to the nearest thousandth if needed.

1)  $(5.12 \times 10^5)(5.95 \times 10^3)$

7)  $(3.3 \times 10^2)(7.7 \times 10^6)$

2)  $(5.8 \times 10^3)(3.03 \times 10^2)$

8)  $(2.6 \times 10^5)(6 \times 10^4)$

3)  $(3 \times 10^4)(3.4 \times 10^3)$

9)  $(3.05 \times 10^6)(7.81 \times 10^4)$

4)  $(3.1 \times 10^5)(6.7 \times 10^3)$

10)  $(5 \times 10^5)(5.36 \times 10^2)$

5)  $(4.87 \times 10^4)(6.6 \times 10^6)$

11)  $(1.66 \times 10^3)(5 \times 10^6)$

6)  $(8.6 \times 10^2)(2 \times 10^4)$

12)  $(5.6 \times 10^5)(2.19 \times 10^3)$



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## Operations with Scientific Notation

Simplify. Write each answer in scientific notation. Round to the nearest thousandth if needed.

1)  $(5.12 \times 10^5)(5.95 \times 10^3)$

$3.0464 \times 10^9$

7)  $(3.3 \times 10^2)(7.7 \times 10^6)$

$2.541 \times 10^9$

2)  $(5.8 \times 10^3)(3.03 \times 10^2)$

$1.7574 \times 10^6$

8)  $(2.6 \times 10^5)(6 \times 10^4)$

$1.56 \times 10^{10}$

3)  $(3 \times 10^4)(3.4 \times 10^3)$

$1.02 \times 10^8$

9)  $(3.05 \times 10^6)(7.81 \times 10^4)$

$2.38205 \times 10^{11}$

4)  $(3.1 \times 10^5)(6.7 \times 10^3)$

$2.077 \times 10^9$

10)  $(5 \times 10^5)(5.36 \times 10^2)$

$2.68 \times 10^8$

5)  $(4.87 \times 10^4)(6.6 \times 10^6)$

$3.2142 \times 10^{11}$

11)  $(1.66 \times 10^3)(5 \times 10^6)$

$8.3 \times 10^9$

6)  $(8.6 \times 10^2)(2 \times 10^4)$

$1.72 \times 10^7$

12)  $(5.6 \times 10^5)(2.19 \times 10^3)$

$1.2264 \times 10^9$

