

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

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

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

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

## Operations with Scientific Notation

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

1)  $(2.7 \times 10^{-5})(3 \times 10^{-6})$

7)  $(7 \times 10^{-5})(9.2 \times 10^{-6})$

2)  $(8 \times 10^{-2})(1.86 \times 10^{-3})$

8)  $(8.2 \times 10^4)(3 \times 10^3)$

3)  $(7 \times 10^5)(8 \times 10^4)$

9)  $(7.1 \times 10^{-6})(7.8 \times 10^{-5})$

4)  $(7.15 \times 10^5)(2 \times 10^3)$

10)  $(3.1 \times 10^3)(8.3 \times 10^5)$

5)  $(4.17 \times 10^{-4})(5 \times 10^{-6})$

11)  $(9 \times 10^4)(3.04 \times 10^2)$

6)  $(9.63 \times 10^5)(2.96 \times 10^2)$

12)  $(8 \times 10^{-2})(2 \times 10^{-5})$



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## Operations with Scientific Notation

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

1)  $(2.7 \times 10^{-5})(3 \times 10^{-6})$

$8.1 \times 10^{-11}$

7)  $(7 \times 10^{-5})(9.2 \times 10^{-6})$

$6.44 \times 10^{-10}$

2)  $(8 \times 10^{-2})(1.86 \times 10^{-3})$

$1.488 \times 10^{-4}$

8)  $(8.2 \times 10^4)(3 \times 10^3)$

$2.46 \times 10^8$

3)  $(7 \times 10^5)(8 \times 10^4)$

$5.6 \times 10^{10}$

9)  $(7.1 \times 10^{-6})(7.8 \times 10^{-5})$

$5.538 \times 10^{-10}$

4)  $(7.15 \times 10^5)(2 \times 10^3)$

$1.43 \times 10^9$

10)  $(3.1 \times 10^3)(8.3 \times 10^5)$

$2.573 \times 10^9$

5)  $(4.17 \times 10^{-4})(5 \times 10^{-6})$

$2.085 \times 10^{-9}$

11)  $(9 \times 10^4)(3.04 \times 10^2)$

$2.736 \times 10^7$

6)  $(9.63 \times 10^5)(2.96 \times 10^2)$

$2.85048 \times 10^8$

12)  $(8 \times 10^{-2})(2 \times 10^{-5})$

$1.6 \times 10^{-6}$

