

LESSON 9: Application of Laws of Exponents and Scientific Notation

Homework

Name _____ Date _____

Complete the following addition and subtraction problems.

1. $6.94 \times 10^3 + 1.25 \times 10^3$	2. $7.24 \times 10^{-5} - 5.53 \times 10^{-5}$
3. $4.08 \times 10^6 + 9.34 \times 10^6$	4. $5.74 \times 10^{-6} - 5.72 \times 10^{-6}$
5. $2.74 \times 10^7 + 7.36 \times 10^9$	6. $8.43 \times 10^8 - 6.82 \times 10^4$

Complete the following multiplication and division problems.

7. $1.45 \times 10^{-2} \cdot 3.27 \times 10^{-2}$	8. $5.77 \times 10^4 \div 1.56 \times 10^7$
9. $6.54 \times 10^5 \cdot 2.23 \times 10^8$	10. $7.61 \times 10^{-3} \div 2.84 \times 10^{-3}$