Name Date

Practice A

10.4

Evaluate the expression.

 1.  2. 

 3.  4. 

 5.  6. 

 7.  8. 

 9. One terameter equals  meters. One micrometer equals meter.
One nanometer equals  meter.

 a. Find the product of one terameter and one micrometer, using only positive exponents.

 b. Find the quotient of one terameter and one micrometer, using only positive exponents.

 c. Find the product of one terameter and one nanometer, using only positive exponents.

 d. Find the quotient of one terameter and one nanometer, using only positive exponents.

 e. Find the quotient of one nanometer and one terameter, using only positive exponents.

 f. Find the quotient of one nanometer and one micrometer, using only positive exponents.

 g. Find the product of one nanometer and one micrometer, using only positive exponents.

Simplify. Write the expression using only positive exponents.

 10.  11.  12. 

 13.  14.  15. 

Name Date

Practice B

9.4

Practice B

9.4

Practice B

10.4

Evaluate the expression.

 1.  2. 

 3.  4. 

 5.  6. 

 7.  8. 

 9. One millimeter equals  meter. One picometer equals  meter.
One femtometer equals meter.

 a. Find the product of one millimeter and one picometer, using only positive exponents.

 b. Find the quotient of one picometer and one millimeter, using only positive exponents.

 c. Find the product of one millimeter and one femtometer, using only positive exponents.

 d. Find the quotient of one femtometer and one picometer, using only positive exponents.

 e. Find the quotient of one picometer and one femtometer, using only positive exponents.

 f. Find the quotient of one millimeter and one femtometer, using only positive exponents.

 g. Find the product of one picometer and one femtometer, using only positive exponents.

Simplify. Write the expression using only positive exponents.

 10.  11. 

 12.  13. 