Name:
Date: 1. Convert each of the following into scientific notation.
727
172000
0.000984
200.0 x 10 ²
0.014×10^2
256000000000000000000000000000000000000
2. Convert each into decimal form.
1.56 x 10 ⁴
3.6 x 10 ⁻²
736.9 x 10 ⁵
0.0059 x 10 ⁵
0.00059 x 10 ⁻¹
3. Calculate the following. Give the answer in correct scientific notation.
a) 2.34 b) 313.0
<u>+9.2</u> <u>- 1.2</u>
4. Calculate the following. Give the answer in correct scientific notation.
a) $(8.95 \times 10^{76})/(1.25 \times 10^{56})$ b) $(4.5 \times 10^{29})(2.45 \times 10^{100})$
5. Give the number of significant figures in each of the following.
a) 1.05 g
b) 0.0003040 mm
c) 29000 + 10 ft
d) 0.90 x 10 ⁴⁵ L
e) the number of eggs (12) that make up a dozen

Name:	
6. Determine the answer for each of the follofigures.	owing. Be sure to use the correct number of significant
a) 17.34 4.900 + 23.1	b) 9.80 - 4.762
c) 3.9 x 6.05 x 420 =	d) 14.1 / 5 =
7. Round each of the following to 3 significations of the following the following to 3 significations of the following th	ant figures.
77.0653 6,300,178.2	
0.00023350 10.2030	
2.895 x 1021	