Workshop #1 Significant figures & dimension	al Analysis Name:
Section 1a: Round off the following numbers	to 3 significant figures and use scientific notation.
a) 23456	b) 0.000238605
c) 0.09763400	d) 7689994656
1b. Round off the following numbers to two signification:	· ·
a). 0.00765796	c) 56928.31
b) 423.56	d) 0.000055220
1c. Round off the following numbers to four signi scientific notation.	•
a) 0.00765796	_ c) 56928.38
b) 423.56	d) 0.0000555226
Section 3: Do the following calculations and g significant figures and use scientific notation.	+ 7.89887x10 ⁶) = ive the answer on the line provided with the correct number of
2. The Star of India sapphire weigh 200.0 mg. What is the weight of the gemstone in a	ns 563 carats. One carat equals
3. One box of envelopes contains 5 costs \$28.49. What is the cost, in cents, of an env	500 envelopes. A case of envelopes contains 8 boxes of envelopes and velope?

_ 4. White Gold is composed of 90% gold and 10% palladium. How much gold is present in 5674 g of white

gold?