Name:	Class:	Date:				
Scientific Notation in our "Everyday life" 1) Potato Chippers and Chips Plus produce potato chips. They use the same						
basic ingredients: pot different amounts of	basic ingredients: potatoes, oil, and salt. Last year, each factory used different amounts of these ingredients, as shown in the table. Write each answer in scientific notation.					
Ingredients	Potato Chippers Amount used	Chips Plus Amount Used (lb.)				
	(lb.)					
Potato	4.87 x 10 ⁶	3,309,000				
Oil Salt	356,000 2.87 x 10 ⁵	5.61 x 10 ⁵ 193,500				
Salt	2.07 X 10	193,300]			
a) Which factory used m use?	ore potatoes last ye	ear? How many more potato	oes did it			
b) Which factory used m the other factory?	ore oil last year? H o	ow much more oil did it us	e than			

Na	me:		_ Date:
2)	The volume of the Venus is a Mars is approximately 1.6 x	approximately 9.4 x 10 ¹¹ .	x 10 ¹¹ km ³ . The volume of
a)	About <u>how many times</u> as gr Venus? <u>Round to the neares</u>		of Mars is the volume of
b)	The volume of Earth is approvolume of Mars. What is the		
c)	What is the <u>difference</u> in vo of the Earth and the volume		neters, between the volume

Name:	(Class:	Date:	·
3) Write ea	ach population in scie	ntific notat	ion.	
NEW YORK STATE	The population of C is approximately 38,040,000. The population of N		The population of Texas is approxim 26.06 x 10 ⁶ . tate is approximate	ately
California 		Texas	_	New York
Which state	has the greater popu	ılation? Jus	tify your reasoning	·
How much i	more is the population	n of Califor	nia to New York?	

Name	e:		Class:	Date:	
S	ubtract ι	using Scientific No	otation: To fir	nd the difference, we sub	otract:
Ne				oximately 1.96 x 10 ⁷ popu any people do not live in	
	•		e must	that live in New York State the population of	
Show	your wo	rk!			
ap	proxima	kimate thickness of a s te thickness of a s Justify your answ	standard deck	s is 9.398 x 10 ⁻¹ centime of 52 cards is 1.515 x 10	ters. The ⁰ . Which
	is the di of 52 car		n the thickness	s of an iPhone 4s and a st	andard