The Mole Lesson 1 Check for Understanding Mole Conversions

PART ONE: Solve the following problems in your journal. Be sure to show all work. Use sig figs and units in your final answer 1 mole = 6.022×10^{23} atoms, molecules, or formula units

		mole = 6.022 x 10 ⁻⁵ ato atoms in 4.00 moles of alum	inum, Al.	
2.	Convert 2.65 x 10 ²³ formu	la units of sodium fluoride,	NaF to moles.	
3.	Convert 4.26 x 10 ²⁵ molec	ules of ammonia, NH3 to mo	oles.	
Ca rou		these values to answer quente following Be sure to shown 5. Al(OH) ₃	estions 7-9 wall work. Use units in your final answer as $6. (NH_4)_2SO_4$	nd
		1 mole = molar ve the following problems. ne proper number of sig fig	Be sure to show all work. Use units in yo	ur
7.	How many moles are in 15	5.0 grams of lithium, Li?		
8.	How many grams are in 4.	.5 moles of sodium fluoride,	NaF?	
9	How many moles are in 98	3 grams of Al(OH).2		

