Name	Period
Simple Ro	oadmap Problems #2
Solve the following roadmap problem significant figures.	s. Make sure to use units and follow all the rules of
1) How many moles of PH <sub>3</sub> are in 250	$0.0 \text{ grams of PH}_3$ ?
2) How many grams of NCl <sub>3</sub> are in 4.0	00 moles of NCl <sub>3</sub> ?
3) If you have 37.75 g of $S_8$ how many	y moles does it correspond to?
4) If your sample of I <sub>2</sub> has a mass of e	exactly 10.0 grams how many moles are in it?
5) If a bottle contains 3.35 moles of C	$H_{\infty}O_{\infty}$ what is the mass of the sample in grams?

6) Consider a 5.00 mole sample of NaH. What is it's mass in grams?
7) How many molecules are in $0.7500$ moles of $Ba(NO_3)_2$ ?
8) How many moles are in 1.75 x $10^{24}$ molecules of $Mg_3(PO_4)_2$ ?
9) How many molecules are in a 35.00 gram sample of PCl <sub>5</sub> ?
10) What is the mass of 2.11 x $10^{24}$ molecules of $Ca(NO_3)_2$ ?