DUE /	AT THE END OF CLASS! TURN IT IN BEFORE YOU LEAVE!	DUE AT THE END OF CLASS! TURN IT IN BEFORE YOU LEAVE!	
Name:		Name:	
Period:	Seat #:	Period:	Seat #:
Directions: Show all work in single dimensional analysis set ups. Put units and boxes around each answer. Finished? Check your answers up front.		Directions: Show all work in single dimensional analysis set ups. Put units an boxes around each answer. Finished? Check your answers up front.	
1) How many	atoms are in 50 grams of water?	1) How many a	atoms are in 50 grams of water?
2) How many	grams are in 8.5 moles of lithium oxide?	2) How many g	grams are in 8.5 moles of lithium oxide?
3) How many	atoms are in 25 moles of fluorine gas?	3) How many a	atoms are in 25 moles of fluorine gas?
4) If a liquid h	as a density of 4.3 g/mL, how many molecules are in 2.3 L?	4) If a liquid ha	is a density of 4.3 g/mL, how many molecules are in 2.3 L?
5) How many	grams are in 5.7 x 10 ²⁶ molecules of dinitrogen hexaiodide?	5) How many g	grams are in 5.7 x 10 ²⁶ molecules of dinitrogen hexaiodide?

6) How many atoms are in 45 grams of NH_3 ?

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