Jabberwocky Group Challenge Exercise

PURPOSE	This exercise is to reinforce the concept that problems are set up based on UNITS.
INSTRUCTIONS	• You do not need to know what the units are if you can figure out how to set up a dimensional analysis problem! • Work as a group to solve the following problem. • **You must show all work to receive credit!**

CONVERSION FACTORS	
There are 20 tumtum trees in the tulgey wood	There are 2 mome raths per Jabberwock.
In each tulgey wood is one frumious Bandersnatch.	There are 2 Jubjub birds in 200 tumtum trees.
There are 5 slithy toves in 2 borogoves.	There are 200 mome raths in each borogove.
	There are 5 Jubjub birds per slithy tove.

QUESTION	If there are 5 frumious Bandersnatches, how many Jabberwocks are there? *HINT: First find your known, your unknown, and your conversion factors!*

KNOWN VALUE		**UNKNOWN UNIT**	

WRITE ALL THE CONVERSION FACTORS LISTED ABOVE AS FRACTIONS

SETUP, UNIT CANCELING, & ANSWER

After you finish the Jabberwocky problem, try this one. Show your work **just like you did on the Jabberwocky problem!** List known, unknown, conversion factors, setup, unit canceling, and your final answer.

A spaceship from another planet travels at a speed of 4.27 googs per mulm. There are 256 googs in a plotz and 12.3 plotz in a wraslm. If 3.4 tpocks equal one mulm, what is the ship's speed in wraslm per tpock?