

# Jabberwocky

By Lewis Carroll

'Twas brillig, and the slithy toves  
Did gyre and gimble in the wabe:  
All mimsy were the borogoves,  
And the mome raths outgrabe.

'Beware the Jabberwock, my son!  
The jaws that bite, the claws that catch!  
Beware the Jubjub bird, and shun  
The frumious Bandersnatch!

He took his vorpal sword in hand:  
Long time the manxome foe he sought --  
So rested he by the Tumtum tree,  
And stood a while in thought.

And, as in uffish thought he stood,  
The Jabberwock, with eyes of flame,  
Came whiffling through the tulgey wood,  
And burbled as it came!

One two! One two! And through and  
through  
The vorpal blade went snicker-snack!  
He left it dead, and with its head  
He went galumphing back.

'And hast thou slain the Jabberwock?  
Come to my arms, my beamish boy!  
Oh frabjous day! Callooh! Callay!  
He chortled in his joy.

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# **Jabberwocky Group Challenge Exercise**

This exercise is to reinforce the concept that problems are set up based on UNITS.

You do not need to know what the units are if you can figure out how to set up a dimensional analysis problem! The units in the problem are totally made up! Fake!

Work as a group to solve the following problem.

**You must show all work on your white board to receive credit!**

**Mrs. Farmer must see all group members participating in order to receive credit! If she sees someone off task your group forfeits the right to win!**

**You must still complete the problem even if you are not the first one done. The first group done wins a prize, but all groups need to finish to earn points for the classwork.**

## **CONVERSION FACTORS THAT MAY HELP YOU**

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

### **The question is:**

*If there are 5 frumious Bandersnatches, how many Jabberwocks are there?*

### **Set your white board up like this:**

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
| <b><u>Known Value and Unit:</u></b>  |  |  |  | <b><u>Unknown Unit:</u></b> <i>(what you are solving for)</i> |  |  |  |
| <b><u>Conversion Factors as FRACTIONS:</u></b> <i>(Write all seven. You can use abbreviations like TT for tumtum trees, or TW for tulgey wood)</i> |  |  |  |   |  |  |  |
| $\frac{20 \text{ TT}}{1 \text{ TW}}$   |  |  |  |   |  |  |  |
| <b><u>Pathway:</u></b>   |  |  |  |   |  |  |  |
| <b><u>Setup, unit canceling, and final answer:</u></b>   |  |  |  |   |  |  |  |

## **After you finish the Jabberwocky problem, try this one:**

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?

### **Set your white board up like this:**

|   |                      |  |  |  |  |  |
|---|----------------------|--|--|--|--|--|
| <u>Known Value and Unit:</u>                    | <u>Unknown Unit:</u> |  |  |  |  |  |
| <u>Conversion Factors as FRACTIONS:</u>         |                      |  |  |  |  |  |
|   |                      |  |  |  |  |  |
| <u>Pathway:</u>                                 |                      |  |  |  |  |  |
| <u>Setup, unit canceling, and final answer:</u> |                      |  |  |  |  |  |

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| <u>Conversion Factors as FRACTIONS:</u>         |                      |  |  |  |  |  |
|   |                      |  |  |  |  |  |
| <u>Pathway:</u>                                 |                      |  |  |  |  |  |
| <u>Setup, unit canceling, and final answer:</u> |                      |  |  |  |  |  |