

Harry Potter



Today's Lesson is
all about Potions.

Imagine you are a pupil in Snapes Potions class.....

Potions WARNING!

Ingredients are listed, but even if Muggles would gather and brew the correct herbs, insects, and other materials (some of which are poisonous), they would not be able to create the potions listed here.

The most important ingredient to any magic is the magical power of the wizard creating the effect.

Don't try this at home!

Imagine you are a pupil in Snape's Potions class.....

Forgetfulness Potion

(Makes enough for 5 people)

10 tablespoons of powdered Griffin claw

2.5 tablespoons of Salamander blood

30 rat tails

Discuss for 90 seconds with a partner:

How do we make an ingredient list for

a) 10 people? b) 1 person?

Can you do any the calculations in your head?



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Be ready to share your ideas after 90 seconds!

Answers:

Forgetfulness Potion

(Makes enough for 5 people)

10 tablespoons of powdered Griffin claw

2.5 tablespoons of Salamander blood

30 rat tails

Did you get these answers?

How do we make an ingredient list for

a) 10 people? Double everything.

20 tbs griffin claw

5 tbs salamander blood

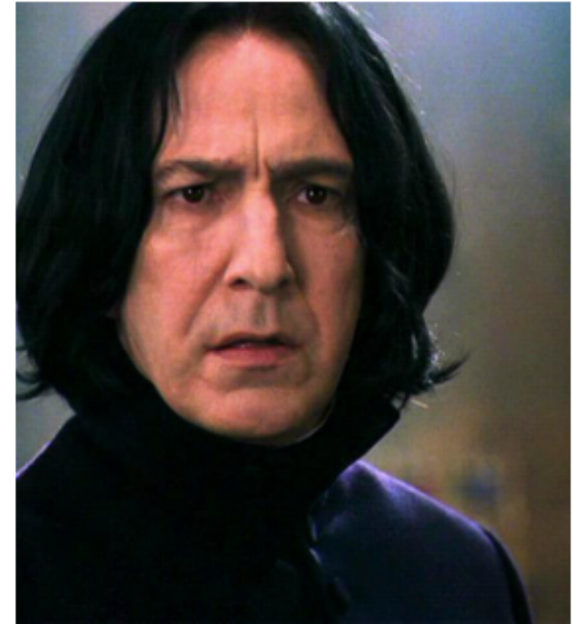
60 rats tails

b) 1 person divide all by 5

2 tbs griffin claw

0.5 tbs salamander blood

6 rats tails



**Now have a look at
the shrinking and
wit-sharpening
potions on the next
slide**

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Imagine you are a pupil in Snape's Potions class.....



Shrinking Potion

Ingredients:

5 chopped daisy roots,
3 skinned shrivelfig
1 sliced caterpillar
one rat spleen
dash of leech juice

(Makes 2 Doses)

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Wit-Sharpening Potion

Ingredients:

40 ground Scarab
beetles

2 tablespoons Armadillo
bile

1 ginger root

20g of Knotgrass

(makes 10 doses)

Can you work out how much of each
ingredient we will need to make for....
(see your booklet!)

Task: Your Turn!

Design your own potion

- **Decide** what it is for, it must have at least 6 **ingredients** – use your imagination!
- Record the recipe **for 5 people**
- Show the quantities needed for 1, 10 and 200 people

(O.W.L Level)

Present your work neatly adding illustrations if time!



Triwizard Challenge

Once you have designed your potion. Estimate in g and Kg each of your ingredients.

Using these, can you work out the amount of each ingredient in your recipe as a fraction, decimal and percentage of the whole Potion? (N.E.W.T. Level)

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Task: Your Partners Turn!

Check out their potion

- Read through your partner's potion.
- Check you agree with their calculations for 1, 10 and 20 people – discuss if you do not!
- Discuss, if this was a normal numeracy lesson, what the teacher would have put on the board for WALT or a learning objective – Was there a learning outcome? What is this topic called?
- Be prepared to feedback to the group.