

WALT: Solve problems involving direct proportion using scaling.

Polyjuice Potion for 2

(Transforms your appearance into that of someone else for super-sneaky rescue missions!)

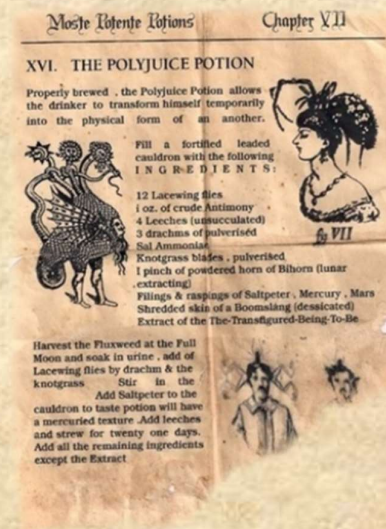
10 Lacewing flies

240g Leeches

550g Shredded Boomslang skin

12 Hairs of the person you want to turn into

Difficulty to make: Moderate



1. You need to make enough polyjuice potion for **4 people**
 - a. How many lacewing flies will you need?
 - b. How many leeches?
 - c. How much Boomslang skin?
 - d. How many hairs?
2. a. Hermione needs her own separate potion for **1**. How many grams of Shredded Boomslang skin will she need?
- b. How many grams of leeches?
3. **3** of Harry's friends need to turn into Snape. How much of each ingredient will they need?
4. a. **Ron, Luna, Lavender, Hagrid and Neville** all need some polyjuice potion to look like Bellatrix Lestrange. For all of them how many of Bellatrix's hairs will be needed?
- b. How many grams of leeches?
- c. How many lacewing flies?

Extension:

5. **6** of Harry's friends need some polyjuice potion to look like Dumbledore. How many grams of leeches will they need?
6. Sirius Black uses **60 hairs** to make his potion. How many people is he making it for?