

WALT: Solve problems involving direct proportion using scaling.

Section 5 - For E
The best known goals of the alchemists were the transmutation of common metals into Gold or Silver (less well known as "Spagyric"), and the creation of a "panacea," a supposedly would cure all diseases and prolong life, and the discovery of a universal solvent.

Invisibility Potion for 3

(A very volatile potion which is used to turn those who drink it invisible)

33 Cherries

369ml Dream Fluid

465ml Bat tears

96g Diced Murletap Tentacle

72g Powdered Common Rue

Difficulty: Adults only level!



1. a) Neville needs to make 7 invisibility potions for the rescue mission. How many grams of Powdered Rue will he need?
b) How many ml of Bat Tears?
c) How many cherries?
2. a) Ron needs to make 2 potions for Fred and George (one each!) How much of each ingredient will he need?
3. a) Hermione wants to make invisibility potions for 8 of Harry's friends. How many grams of Diced Murletap Tentacle will she need?
b) How many ml of Dream Fluid?
c) What about Powdered Common Rue?
4. a) Harry's friends need enough invisibility potion to conceal 14 members of Dumbledore's Army. What quantity of cherries will they need?
b) What about Bat Tears? Can you give your answer in ml and l?

Extension:

5. Hagrid uses 288g of Diced Murletap Tentacle. How many invisibility potions is he making?
6. Luna uses 0.31 litres of Bat Tears. How many invisibility potions is she making?
7. How many of each ingredient would you need to turn our entire class invisible?

*This book is
the property of
the Half Blood Prince*