

Magical Measurements

Wendy found her grandmother's recipe for witches brew and wants to make it for her class and for her magic spells club. Her recipe makes one cauldron, which is enough for 60 witches. However, she needs to make a smaller brew to feed 30 witches and another to feed 15 witches. Can you help Wendy halve and quarter the recipe for witches brew by multiplying the ingredient measurements by $\frac{1}{2}$ and $\frac{1}{4}$?

1/4 recipe

Witches Brew

$\frac{2}{3}$ cup swamp water

1 toad warts

$\frac{1}{4}$ tsp fly's wings

$\frac{1}{8}$ tsp spider's legs

$\frac{1}{4}$ eye of newt

$\frac{1}{16}$ cup werewolf hair



1/2 recipe

Witches Brew

$\frac{4}{3}$ cup swamp water

2 toad warts

$\frac{1}{2}$ tsp fly's wings

$\frac{1}{4}$ tsp spider's legs

$\frac{1}{2}$ eye of newt

$\frac{1}{8}$ cup werewolf hair



Witches Brew

$\frac{8}{3}$ cup swamp water

4 toad warts

1 tsp fly's wings

$\frac{1}{2}$ tsp spider's legs

1 eye of newt

$\frac{1}{4}$ cup werewolf hair

