

The witch needs a 24-leg potion to turn her Maths teacher into a frog. She's got Spiders (8 legs) Lizards (4 legs) and Bats (2 legs)

Try to find all the possible spells to turn her Maths teacher into a frog! e.g. 2 spiders, 1 lizard and 2 bats would do the trick.

Be systematic and draw up an ordered list. Make a table of your results. Look for a pattern.

Extension

- 1) The witch needs a weaker potion (16-leg) to turn a Head boy or Head girl into a frog.
- 2) The witch needs a strong potion (32-leg) to turn a Headmaster into a frog!

