

Unfashionably Stupid Competition

Write your solutions on the reverse of the entry form in order of youngest to oldest in the form *FirstName Surname pet-colour-food*.

Section A

There are 4 people, each of whom has a distinct first name, surname, age, pet, favourite food and favourite colour.

The first names are Alice, Bob, Charles and Deirdre. The surnames are Peterson, Robinson, Stevenson and Taylor. The pets are fish, frog, cat and horse. The foods are pizza, macaroni, noodles and burgers. The colours are black, white, pink, green.

These conditions apply:

- 1) The oldest person likes pizza.
- 2) The youngest person has a cat.
- 3) Deirdre is older than Peterson.
- 4) Taylor is younger than Charles.
- 5) The person who likes macaroni is older than the person who likes green.
- 6) The person who has a horse is older than the person who likes burgers.
- 7) The person who has a frog is older than the person who likes noodles.
- 8) Stevenson likes pink.
- 9) Robinson has a fish.
- 10) The person who likes macaroni has a frog.
- 11) The person who likes burgers prefers white.
- 12) The person who likes noodles has a horse.
- 13) Peterson likes burgers
- 14) Deirdre prefers black.
- 15) Bob has a cat

Section B

There are now 6 people. The additional first names are Eleanor and Fred. The additional surnames are Umbridge and Vickory. Additional pets are snail and bird. New colours are blue and red. New

foods are pancakes and oysters. These additional conditions apply:

- 16) The person who likes pancakes is older than the person who likes blue.
- 17) The person who likes pink has a snail.
- 18) Umbridge has a frog.
- 19) Alice likes blue.
- 20) Eleanor has a fish.
- 21) Charles likes pancakes.
- 22) The total number of legs belonging to pets of people older than Alice is 8. For these purposes fish and snails have zero legs, a bird 2 and all other pets 4.
- 23) The second oldest likes pancakes.
- 24) Alice's surname is 'Vickory'.