Fermi Estimation

Fermi showed that by making sensible assumptions, reasonable estimates and using simple calculations, remarkably accurate answers can be reached.

For each of the problems below, write down the assumptions you make, any estimates that you use and the calculations that you make.

- How many ping pongs balls would it take to fill the classroom?
- How many balloons would it take to fill the school hall?
- How many Rubik's cubes could you fit inside a double-decker bus?