Monkeys, Exams and Peanuts

1. My four pet monkeys and I harvested a large pile of peanuts.

   Monkey A woke in the night and ate half of them;
   then Monkey B woke and ate one third of what remained;
   then Monkey C woke and ate one quarter of the rest;
   finally Monkey D ate one fifth of the much diminished remaining pile.

   What percentage of the original harvest was left in the morning?

2. A maths exam contained only two questions. Problem one was solved by 70% of the pupils. Problem two was solved by 60% of them. Every pupil solved at least one of the problems. Nine pupils solved both problems. How many pupils took the exam?

3. In Miss Quaffley's class, the girls make up more than 45% of the pupils, but less than 50%. What is the smallest possible number of girls in her class?

4. In an election, the Loony Party received 38% of the votes which 1654 more than the Bonkers Party in second place. The Wacky Party candidate obtained only 14% of the votes and was beaten into fourth place by the Crazy Party candidate who had 50 more votes than the Wacky Party candidate. How many votes did each receive?