Numbers of boys and girls

Use these clues to find the number of boys and girls in each class.

There are a total of 114 children in the school. There are 14 girls in class 2. Class 4 has twice as many girls as class 2. No class has the same number of children. There are 52 boys in the school in total. In class 1 there are half as many boys as in class 2. In class 2 there are a total of 30 children. In class 3 there are an equal number of girls and boys. In class 4 there are 10 boys. There are a different number of boys and girls in the school.