Percentages

Using multilink cubes, make 10 sticks, each stick made of 10 cubes.

Altogether you will have 100 cubes.

Each one of the cubes is worth 1%, so you have 100% altogether. Think about this carefully, and try to answer these questions:

1. If you each have 10% of the cubes, how many cubes are left over?
2. If you each have 20% of the cubes, how many cubes are left over?
3. Are there enough cubes to have 50% each?
4. Are there enough cubes to have 30% each?

Now take away half of the cubes so you have 50 (5 sticks of 10). These 50 cubes now represent 100%.

5. How many % is one cube worth?
6. Change your sticks so that there each one is worth 10%. How many cubes are in each stick?

You now have 10 sticks, each worth 10%

7. If one person takes 7 sticks, how many cubes are left over?
8. What is this as a percentage?