



Counting Off

A group of children stood in a line. There were **less than 35 children** in the group.

1. The children counted off by twos. The first child said 1, the next said 2, the next said 1, and so on. The last child said 1.

List the different numbers of children that could be in the group.

2. Then **the same group** of children counted off by threes: 1, 2, 3, 1, 2, 3.... The last child said 1.

Now what are the different numbers of children that there could be in the group?

- 3.** Finally **the same group** of children counted off by fives. This time the last child said 3.

What are the possible number of children in the group?

- 4.** Use your answers from questions **1**, **2**, and **3** to determine how many children are in this group.

Write a letter to a friend who is absent from school explaining how you went about finding the exact number of children.