Bikes and Trikes

The cycle shop on Main Street sells bikes (two wheels) and trikes (three wheels).

1. Yesterday, Sarah counted all of the cycles in the shop. There were seven bikes and four trikes in the shop. How many wheels were there on these eleven cycles?

Draw a picture to represent the problem.

Write an equation (number sentence) that represents the problem. Be able to explain what each part of your equation means in the problem situation.

Show all of your work.

1. Today, Sarah counted all of the wheels on all of the cycles in the

shop. She found that there were 30 wheels in all. There were the **same numbers** of bikes as there were trikes.

How many bikes were there?

How many trikes were there?

Draw a picture to represent the problem.

Write an equation (number sentence) that represents the problem. Be able to explain what each part of your equation means in the problem situation.

Show all of your work.