

### Activity problem

Find the sum of all whole numbers from 1 to 100.

Please do not compute individual sums such as 1 plus 2 is 3, plus 3 is 6, plus 4 is 10, plus 5 is 15, plus 6 is... It would be a waste of time... Try to find a different way...

### Strategies:

- 1) try to rearrange the numbers or
- 2) try to draw a picture for the sum, or
- 3) try to do the sum from 1 to a smaller number such as 10 using strategies (1) or (2) or
- 4) play with the Cuisenaire rods to do the sum from 1 to 10...

### Variants:

- a) What is the sum of all whole numbers from 1 to 1000
- b) What is the sum of all even numbers from 1 to 100
- c) What is the sum of all odd numbers from 1 to 100