Date: answer key

Chapter 1 Section B: Estimate Numbers to 1000 (1.B.1)

Objective: Estimate the number of objects or people (up to 1000).

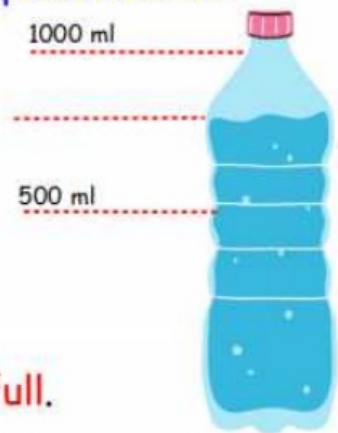
"Estimate" means to find a value that is close enough to the true value, but not necessarily exact. When we estimate we use words such as about, almost, around and approximately.

We estimate a number in two ways:

1. We group the number of items into groups of 5s, 10s or 100s (grouping). For example:

If we have these colored pencils and we want to estimate the number of pencils in the cup we can group them into groups of 5s, and count the groups we have which are 3 groups of 5s, which means we have **about** 15 pencils in all.

2. We estimate the number by putting the number between a smaller number and a greater number (giving a range).



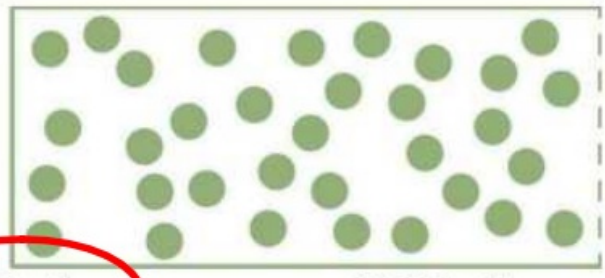
The bottle can hold 1000 ml of water when **full**. The bottle is more than half full.

The range of the volume of water is between 500 ml and 1000 ml and closer to 1000 ml.

So the water bottle holds **about** 800 ml of water.

Q1. Circle the correct estimate:

a) **Around how** many balls are there?



30 balls **100 balls** **5 balls**

b) **About** many bananas are left after eating some of them?

less than half full

about 80 bananas _____

80 - 100 **60 - 70** **30 - 50**

c) How many chocolates **could there be** in the second box?

more than half full

About 40 chocolates

_____

30 chocolates **20 chocolates** **60 chocolates**

Q2. Look at the picture.

a) Circle the **estimated** number of pumpkins. 100 or 20

b) What is the **actual/exact** number of pumpkins? 21

c) Circle the **estimated** number of pineapples? 5 or 10

d) What is the **actual/exact** number of pineapples? 8

e) What is the best method to give the **actual/exact number** of objects?

counting