

Date: _____

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:

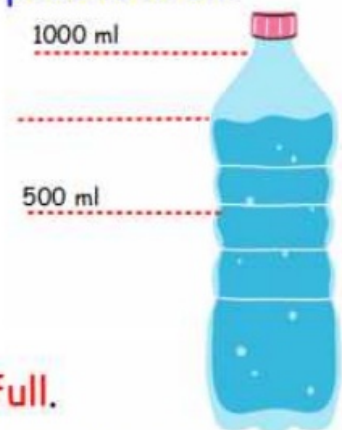
If we have these colored pencils and we want to **estimate the number** of pencils in the cup we can group them into **groups of 5s**, and count the groups we have which are



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**.

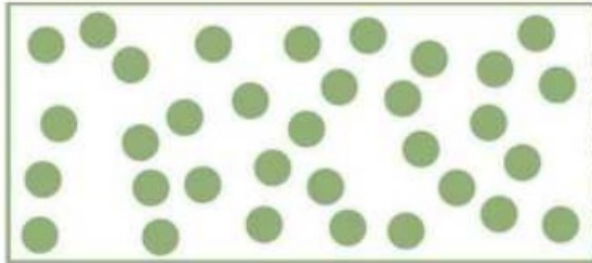


The range of the volume of water is between **500 ml and 1000 ml** and closer to 1000 ml.

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?



about 80 bananas

80 - 100

60 - 70

30 - 50

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



About 40 chocolates

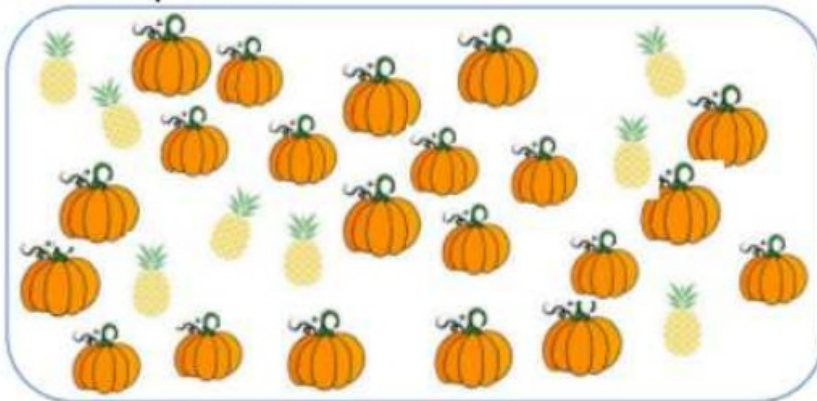


30 chocolates

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? _____

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

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

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