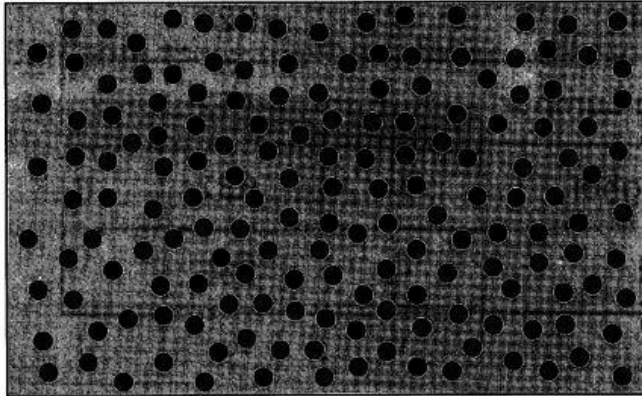## > 1.3 Estimating and rounding

Exercise 1.3

Focus

1   Estimate how many dots there are in the box.
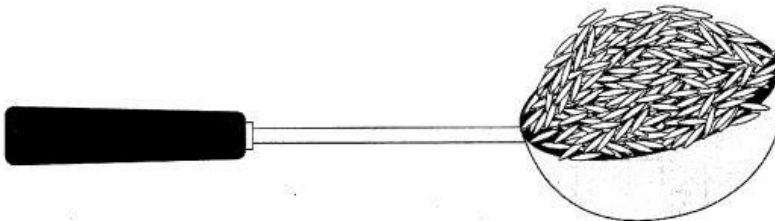
estimate   range

round, rounding

2   Estimate how many grains of rice are on the middle spoon.

estimate: 100 – 200

estimate: _____

estimate: 400 – 600

3 Round each number to the nearest 10.

271 _____   138 _____

397 _____   404 _____

4 Round each number to the nearest 100.

164 _____   325 _____

449 _____   250 _____

Practice

5 Class 3 used this table to make estimates of the
   number of grains in different plastic bags.

Mass of grains	Number of grains		Mass of grains	Number of grains
5 grams	100		30 grams	600
10 grams	200		35 grams	700
15 grams	300		40 grams	800
20 grams	400		45 grams	900
25 grams	500		50 grams	1000

a Samira estimates that her plastic bag had 300 to 400 grains.
   They weighed 18 grams. Is this a good estimate?

   _____

b Pedro's grains weighed 31 grams.
   What range would be a good estimate for his grains?

   _____

6 Round each amount to the nearest $10.

$537 _____ $772 _____

$695 _____ $808 _____

7 Round each amount to the nearest 100 kilograms.

150 kilograms   _____ kilograms

555 kilograms   _____ kilograms

444 kilograms   _____ kilograms

501 kilograms   _____ kilograms