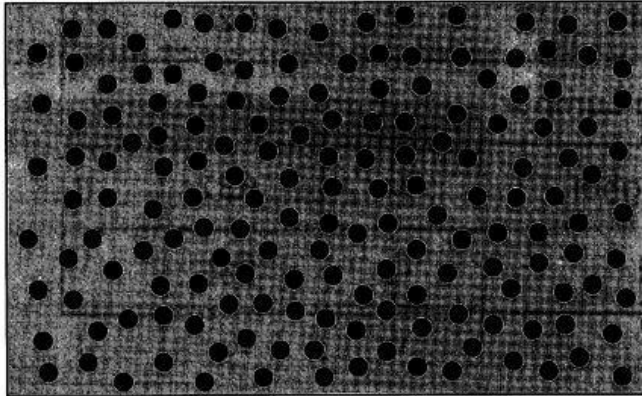


## > 1.3 Estimating and rounding

### Exercise 1.3

#### Focus

- 1 Estimate how many dots there are in the box.




estimate   range  
round, rounding

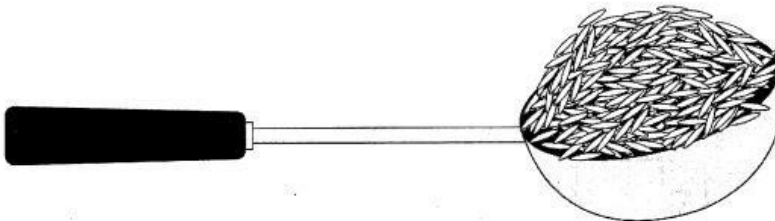
- 2 Estimate how many grains of rice are on the middle spoon.



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 |
|----------------|------------------|
| 5 grams        | 100              |
| 10 grams       | 200              |
| 15 grams       | 300              |
| 20 grams       | 400              |
| 25 grams       | 500              |

| Mass of grains | Number of grains |
|----------------|------------------|
| 30 grams       | 600              |
| 35 grams       | 700              |
| 40 grams       | 800              |
| 45 grams       | 900              |
| 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?
- \_\_\_\_\_

1 Numbers to 1000

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

