

SESSION : 11
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 8
CHAPTER NAME : MEASUREMENT
SUBTOPIC : MEASURING WEIGHTS

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE :

Children will

- * Estimate the mass and weight.
- * Use standard units like gram or kilogram to estimate the weight.
- * Identify relationship.
- * Calculate the weight of objects in their surroundings by using scales.

MEASUREMENT

MEASURING WEIGHTS

RECAPITULATION

1) Circle the suitable unit to measure each:

1) The length of your foot

cm

m

km

2) The height of your father is 180

cm

m

km

3) The length of a book

cm

m

km

4) Distance from school to home

cm

m

km

M
H
T
H
S

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5) The length of a chocolate bar

cm

m

km

6) The height of a building

cm

m

km

7) The length of a swimming pool

cm

m

km

8) The length of a river

cm

m

km

M
H
T
H
S

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1 kilogram (kg) = 1000 gram (g)

*M
A
T
H
S*

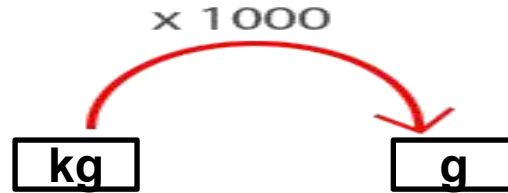
KEYWORDS

Kilogram, Gram,
Weighing Balance



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For example:

1) 52 kg

$$= 52 \times 1000$$

$$= 52000 \text{ g}$$

2) 7 kg 250 g

$$7 \text{ kg} = 7 \times 1000 = 7000 \text{ g}$$

$$7 \text{ kg } 250 \text{ g} = 7000 \text{ g} + 250 \text{ g} = 7250 \text{ g}$$

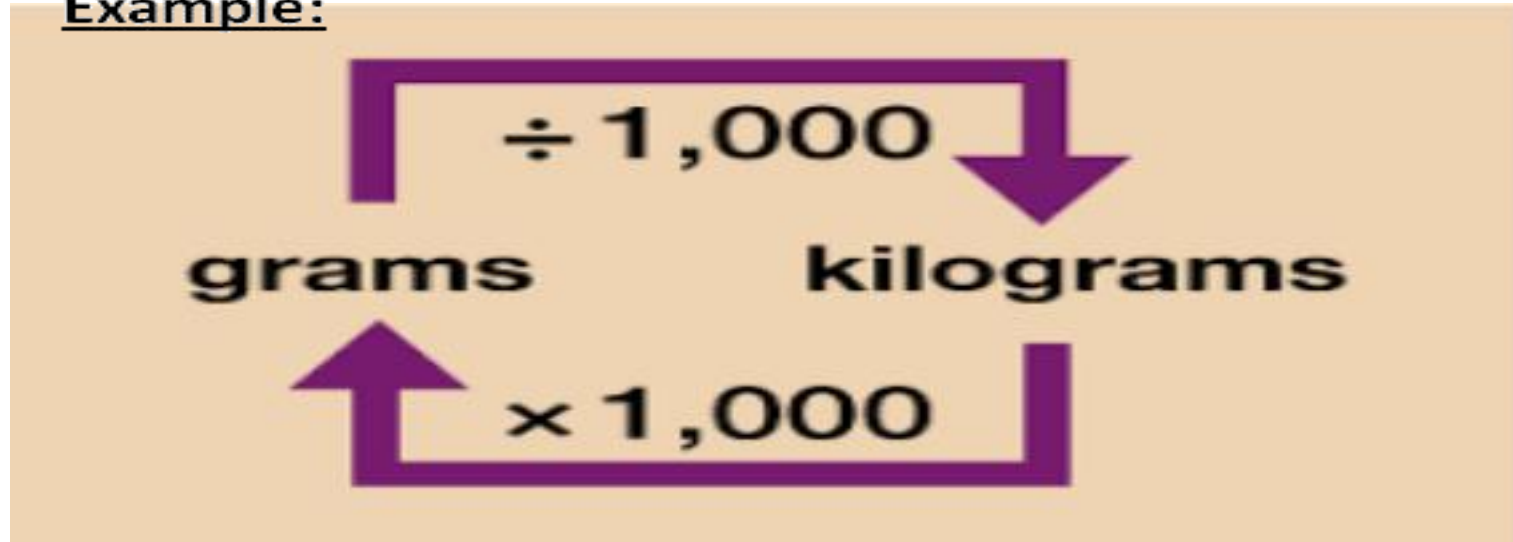
MEASUREMENT

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Bigger unit to **Smaller unit** -----> **Multiply**

Smaller unit to **Bigger unit** -----> **Divide**

Example:



MEASUREMENT

MEASURING WEIGHTS

Things used in olden days to measure weight:



MEASUREMENT

MEASURING WEIGHTS

Things used now a days to measure weight:



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MEASURING WEIGHTS

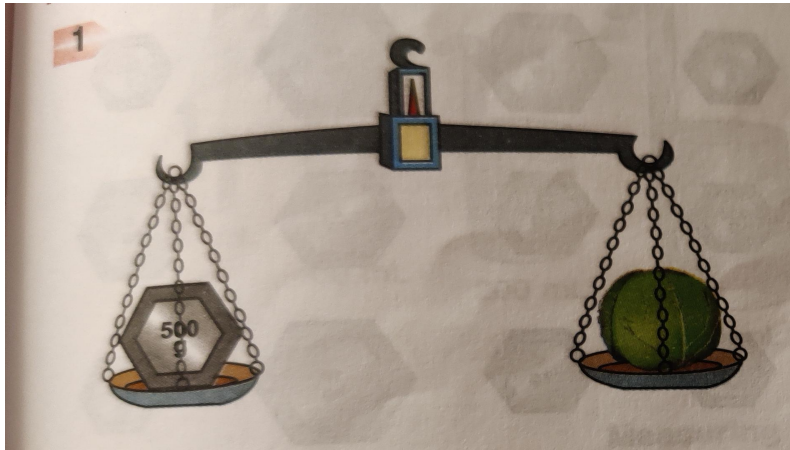
Exercise-8 C
book page - 109 & 110
in the book.



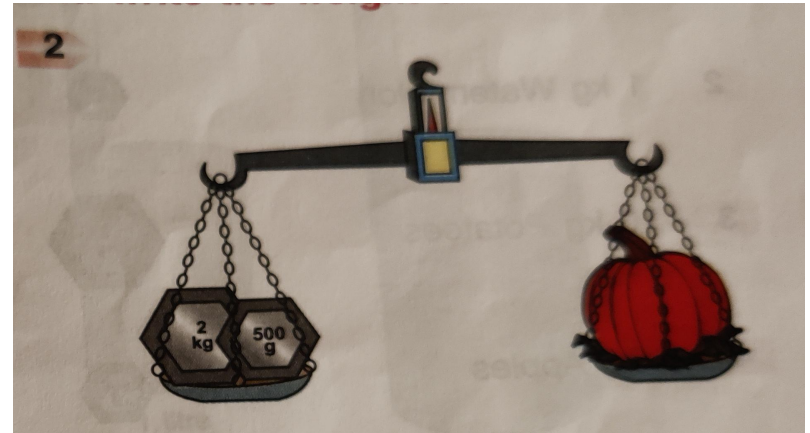
MEASUREMENT

MEASURING WEIGHTS

A. Look at the balances given below and write the weight of the items:



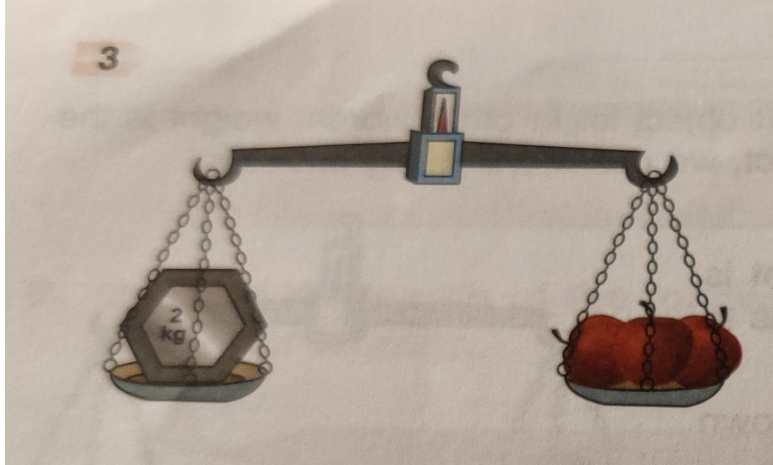
ANS : 500 g



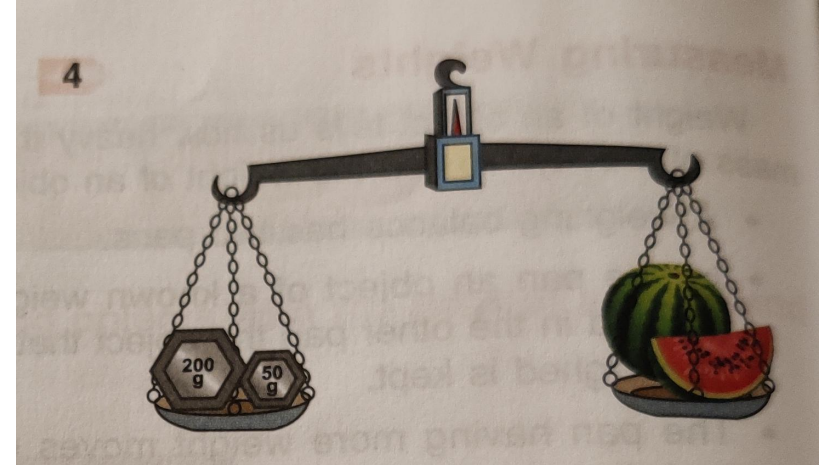
ANS : 2 kg 500 g

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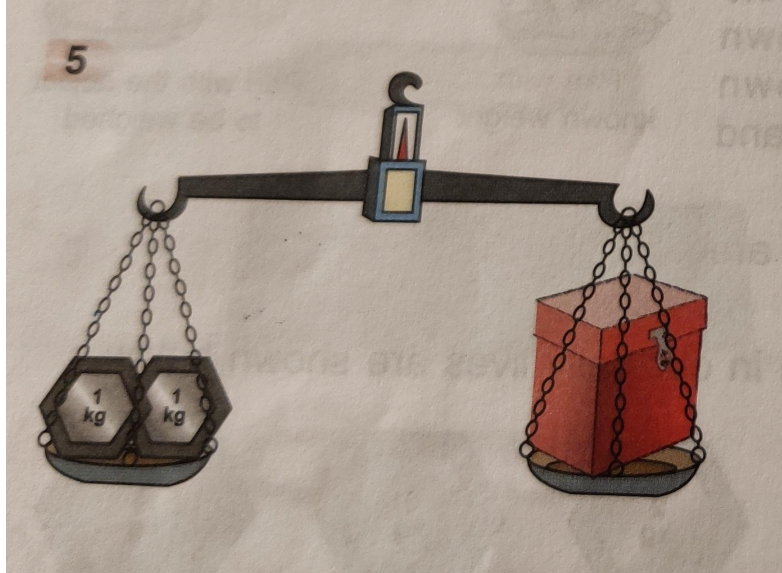
ANS : 2 kg



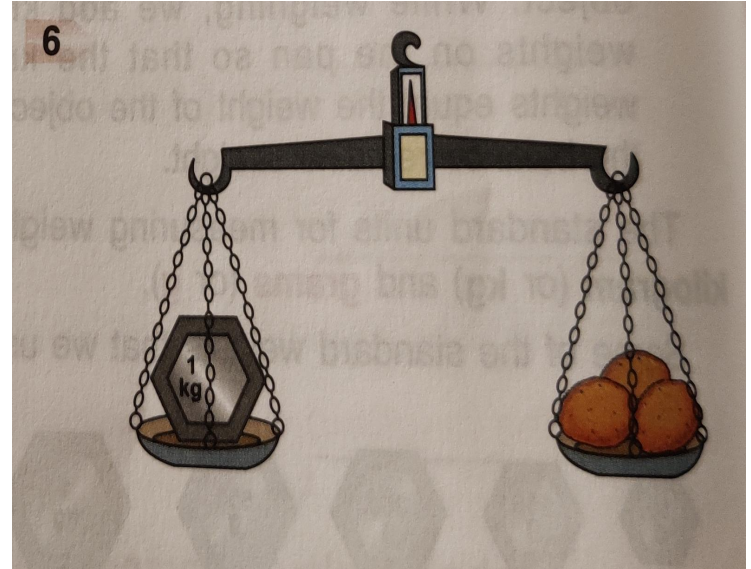
ANS : 250 g

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ANS : 2 kg

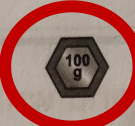

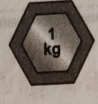
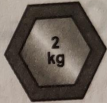




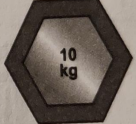

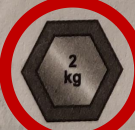

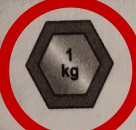
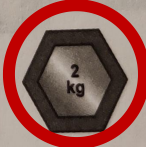
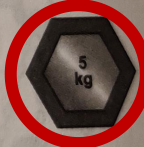


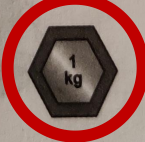
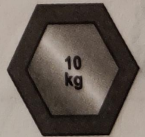



ANS : 1 kg

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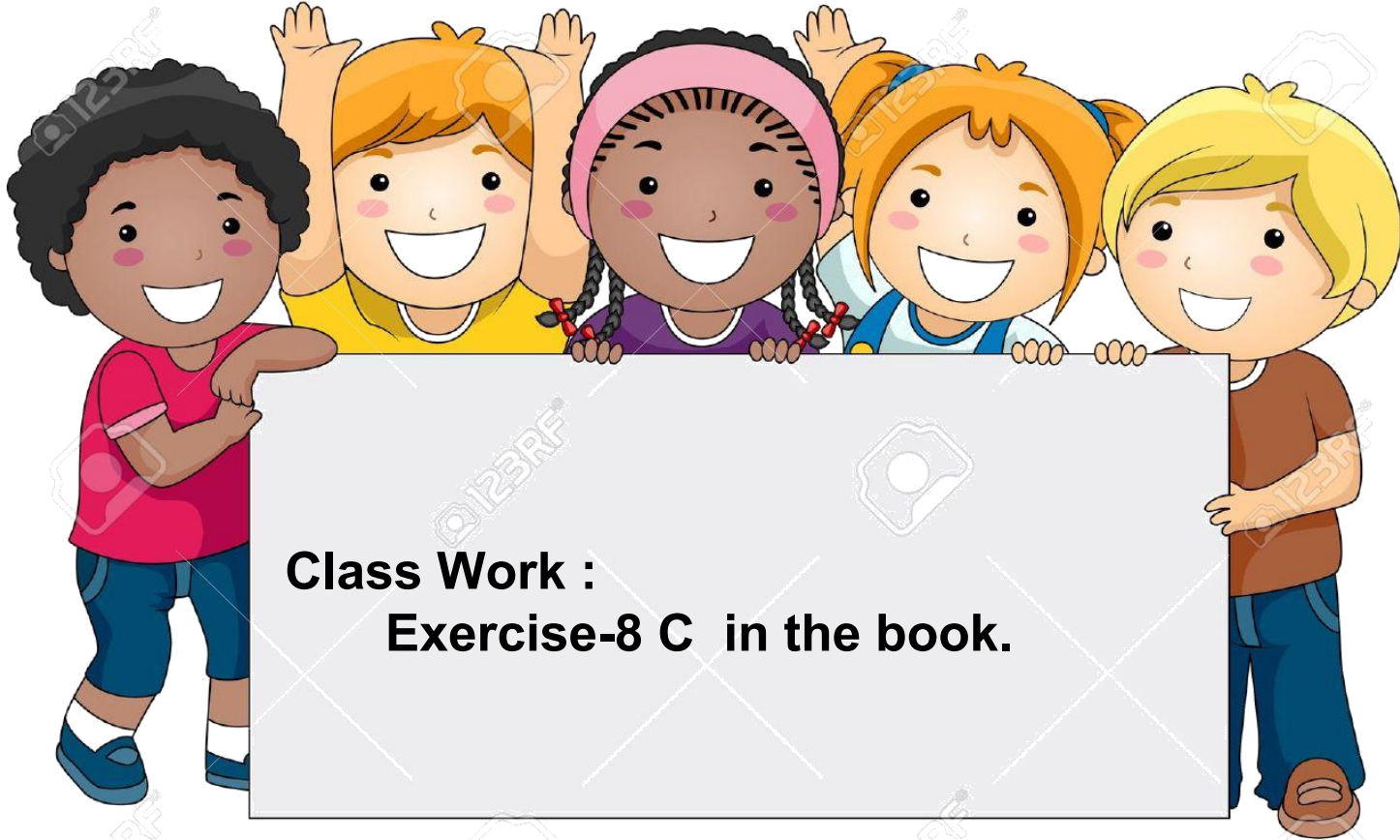
MEASURING WEIGHTS

B. Circle the weights that you will use to measure the following:

1	500 g Lady finger					
2	1 kg Watermelon					
3	10 kg Potatoes					
4	2 kg Apples					

MEASUREMENT

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LEARNING OUTCOME:

Children will be able to estimate the mass and weight. Use standard units like gram or kilogram to estimate the weight. Identify relationship and calculate the weight of objects in their surroundings by using scales.

THANKING YOU
ODM EDUCATIONAL GROUP