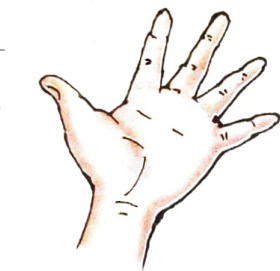


Jender Heart High School, Chandigarh
Class - II

Subject - Mathematics

Teacher - Ms Harjit Kaur, Ms Jyoti Arora, Ms Rupinder Kaur

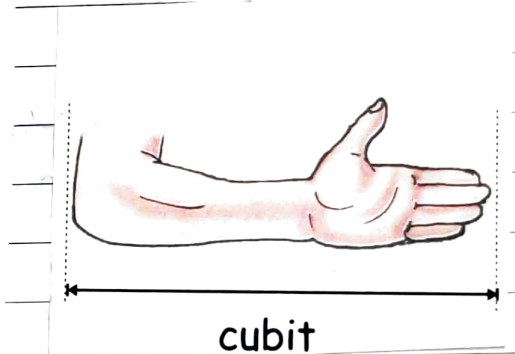
LENGTH



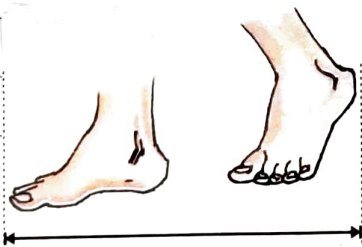
hand span



palm



cubit



pace



foot



arm span

Our body parts such as handspan, palm, face, foot span etc are non - Standard units of length because they differ from person to person.

If two persons measure the length of an object using body parts, they get different answers. It happens because our handspans are of different sizes.

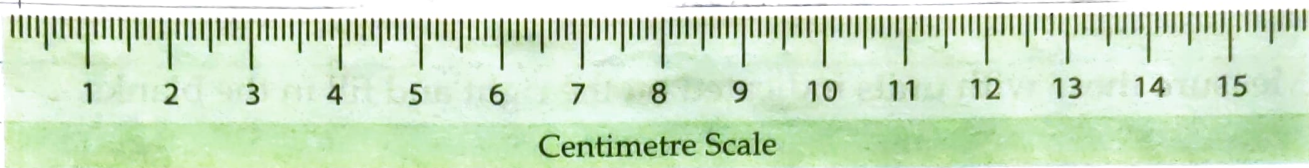
We can also measure the length of an object with the help of another object.



The length of the pencil is equal to the length of 4 clips

But there is a need to have something standard which we can use to measure the length and get the same reading

Such standard units are centimetre, metres and kilometre



A measuring unit which is widely used is called standard unit

1cm is about the width of index finger

$$1 \text{ m} = 100 \text{ cm}$$

C.W Page 98, 99

Q) A rope is 10 hand spans long and a tie is 5 hand spans long. Which is longer and which is shorter?

Ans Rope is longer and tie is shorter

Q A rod is 5 cubits long. A wire is 5 hand-spans long. Are they equal in length?

Ans No

Q) Kanak measured the length of her study table, bed, bedroom wall and dining table using cubits -

A: Study table : 4 cubits B: Bedroom wall : 14 cubits

C: Bed : 9 cubits D: Dining table : 9 cubits

Fill in the blanks: ($>$, $<$, or $=$)

1) A B, B C, C D

2) Arrange A, B and C in increasing order of length.

3) Arrange A, B and D in decreasing order of length

//_

Addition of length

just like numbers we can add m or cm

Add

①

m	cm
49	32
+ 43	36
92	68

Ans 92m 68cm

②

m	cm
18	23
+ 30	88
49	11

Ans 49m 11cm

③

m	cm
32	30
+ 18	56
50	86

Ans 50m 86cm

④

m	cm
23	30
+ 25	10
48	40

Ans 48m 40cm

H.w

m	cm
97	12
+ 32	76

Ans-

m	cm
62	35
+ 42	05

Ans-

Fill in the blanks

① $1 \text{ m} = \underline{100} \text{ cm}$

② m ^{and cm} are the standard units of length

③ $24 \div 3 = \underline{8}$

④ Put $>$, $<$ or $=$

a) Cubit $>$ span

b) span $<$ pace

c) pace $>$ cubit

⑤ inch tape is used by tailors

⑥ meter rod is used by cloth merchants.