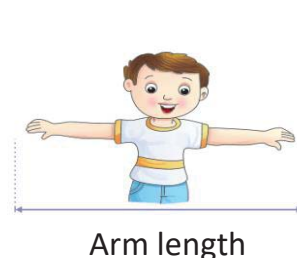
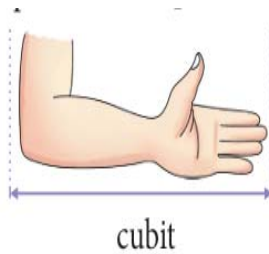
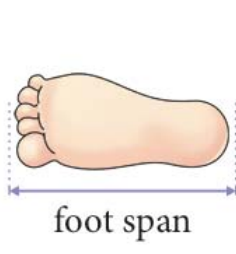


Measurement

Non-standard Units (Body Parts)

Before rulers and measuring tapes, people used body parts to measure. These are called non-standard units because they are not the same for everyone. Common body parts used for measuring are:

- **Handspan:** tip of little finger to tip of thumb
- **Footstep:** length of one foot
- **Cubits:** elbow to fingertips
- **Arm length:** shoulder to fingers



Why Do We Use Body Parts for Measuring?

- To measure things around us when rulers are not available
- For fun activities in early learning
- To learn the idea of length and comparison

Examples with Solutions

i. Riya measured her table with her hands pans and got 5. What did she use?

Answer: She used hands pans (5 hands pans s)

ii. Aman walked across the mat and took 6 steps. What unit did he use?

Answer: He used footsteps (6 steps)

iii. Rahul measured a stick from elbow to fingertips. What unit did he use?

Answer: He used cubit

iv. Tina said her mat is 3 arm lengths long. What did she measure with?

Answer: She used arm length

v. Ananya measured the top of her book using her hand. It took 2 hands pans s.



vi. What is the length?

Answer: 2 hands pans s

Summary Points

- Non-standard units use body parts to measure things
 - Common ones are hands pans , footstep, cubit, arm length
 - These units are easy and fun to use
 - They help us learn how to compare lengths
 - They are not exact because everyone's body size is different
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