

Name: _____

Part 1: How many handspans fall are you?

Background information

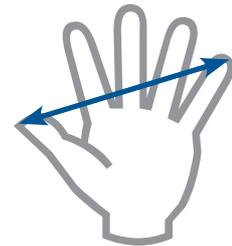
Many measures of length have been based on the human body.

The Egyptians used:

- **Digit:** one finger width
- **Palm:** four digit width
- **Hand:** 5 digit width
- **Cubit:** elbow to fingertip equal to 28 digits

Measuring in hand spans

You need to measure the distance between the tip of your thumb and the tip of your little finger when your hand is stretched out.



Trace around your hand with your fingers open as wide as possible. Rule a straight line from the tip of your thumb to the tip of your little finger. Measure the line in cm.

My hand span is: _____

How many hand spans tall are you?

What key information do you need to work this out?

What is the best way of working out how many hand spans tall you are using this information?

Student Worksheet 2

TI-15 Explorer™: How Do You Measure Up?

W2

What number sentence will you key into the calculator to find out how many hands tall you are?

Answer: _____

Round your answer to 2 decimal places

Note: Using TI-15 Explorer™ calculator to round answer

To round your answer press the FIX key, the 0.01 key and then press Enter =
(represent these keys as they appear on key pad)