

# Student Worksheet 3

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

W3

Name: \_\_\_\_\_

### Part 2: How many handspans fall are you?

#### Group investigation

What is the average height of your group in hand spans?

You need a TI-15 Explorer™ calculator and some graph paper

What information will need to be collected from each group member?

\_\_\_\_\_

Enter all the data you have in a spread sheet:

Name of student	Hand span (cm)	Height (cm)	How many spans tall

Discuss and record how you would calculate the average height in hand spans?

\_\_\_\_\_

\_\_\_\_\_

What number sentence would you enter on the calculator?

\_\_\_\_\_

The mean/average height in hand spans is: \_\_\_\_\_

**Note:** use the FIX key and 0.01 key to round the answer to 2 decimal places (hundredths) if required.

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What other information does the spread sheet tell you about your group that you can share with the class?

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### Share ideas

What are the advantages and disadvantages of using hand spans to compare measurements?

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*Share your group findings with the class.*