



Maths Week/ Wiki Pāngarau 2025



Survivor Series/Kia Mōrehurehu

Day 2 Set C

For students

What to do for students

- 1 You can work with one or two others. Teams can be different each day.
- 2 Do the tasks and write any working you did, along with your answers, in your maths book.
- 3 Your teacher will tell you how you can get the answers to the questions and/or have your work checked.
- 4 When you have finished each day, your teacher will give you a word or words from a proverb. You could ask your teacher to explain what a proverb is.
- 5 At the end of the week, put the words together in the right order and you will be able to find the complete proverb! Your teacher may ask you to explain what the proverb means.
- 6 Good luck.



THE SIZE OF IT!

Activity 1 - finding our body rulers

In this activity you are going to "create" some 'body rulers' to help you to estimate measurements around the classroom and the school.

There are station cards for each body ruler. Work around the stations with a partner to find the measurements for your body rulers and record the measurements in the table to the right.

Body ruler	Measurement
Index finger width	mm
Hand span	cm
Cubit length	cm
Arm span	cm
Pace length	cm

Activity 2 - using our body rulers for short lengths

In a class discussion decide on three short things to measure - i.e., shorter than a cubit. Fill in what you are measuring, how you measured it and then your working to find the estimated length. There is an example in the table for you. The example only uses one body ruler, but some lengths might need to use more than one body ruler.

What to measure	How you measured it	Estimated length
Length of my pencil	Used my index finger width, it was 8 index finger widths	$8 \times 12 \text{ mm} = 96 \text{ mm}$

Activity 3 - using our body rulers for longer lengths

In discussion as a class decide on two longer things to measure. Fill in what you are measuring, how you measured it and then the working to find the estimated length. Remember that you may need to use more than one body ruler to estimate the length.

What to measure	How you measured it	Estimated length

Activity 4 - measuring distance using our body rulers

In discussion as a class decide on one distance to measure e.g., width of the classroom. Fill in what you are measuring, how you measured it and then the working to find the estimated length. Remember that you may need to use more than one body ruler to estimate the distance.

What to measure	How you measured it	Estimated length