

➤ Notes for parents. Activity next page.

The purpose of this task is to help your child to:

- estimate lengths
- measure lengths using a familiar object



Discuss with your child that a horse is measured to its shoulder (withers) in hands. Help your child to investigate how tall 'in hands' each family member is.

You may like to print the following page or make a similar chart for your child to use.

Suggestions:


You need three 'markers' (sticks, pencils or similar).

- Have a family member lie down on the floor.
- Ask your child put a marker at the top of the person's head and at their heels.
- After the person has moved, help your child to measure the distance from marker to marker.
- Talk about how to use your hand to measure between the markers. A 'hand' as used to measure horses is the width of a hand with the fingers together, not the length of a hand or a hand span.
- Have your child measure, counting how many hands fit between the two counters. Discuss the fact that you used fewer hands because your hand is bigger.
- Have your child measure the height of other family members in the same way.



He tauira kōrero Māori

Ka takoto tāpapa ahau.	I'll lie down flat.
Māu e whakatakoto tēnei pene hei tohu i te tihi o taku māhunga.	Place this pen to show the top of my head.
Whakatakatoria te pene tuarua hei tohu i te wāhi o aku matiwaē.	Place down the second pen to show the place of my toes.
Me pēhea te whakamahi matikara hei ine i taku tāroaroa?	How can we use hand spans to measure my length?
E hia matikara te tawhiti mai i te tihi o taku māhunga ki aku matiwaē?	How many handspans is it from the tip of my head to my toes?
Māku e ine taku tāroaroa ki aku matikara.	I'll measure my length with my handspans.
He aha i rerekē ai te maha o ō matikara, me te maha o aku matikara?	Why was the number of your handspans different to the number of mine?
Ko koe e takoto tāpapa, māku e tohu te tihi o tō māhunga me ō matikara.	You lie down flat. I'll mark the top of your head and your toes.
Ki tō titiro, ka hia ō matikara tō tāroaroa. Ka hia aku matikara tō tāroaroa? He aha ō matapae?	If you look at it how many of your handspans is your length. How many of my handspans? What are your predictions?
Inea tō tāroaroa ki tō matikara. Pēhea nei te pātata o tō matapae?	Measure your length with your handspans. How close was your prediction?
He aha tētahi atu mea hei ine mā tāua ki te matikara?	What is something else we can measure in handspans?

Ingoa tangata	Tōna tāroaroa (matikara) 	Te raupapa o ngā tāngata mai i te tāroaroa ki te poto	E hia matikara te tāroaroa ake o tēnei tangata i te tangata poto ake i a ia?

Are there other things that you would like to measure in 'hands'?

