Task notes | It's a problem
Te Whakaoti Rapanga

Y2

Notes for parents. Activity next page.

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

- use materials, drawings and numbers to work out a problem
- show different ways of solving a problem
- talk about **how** they solve a problem and **why** they did it that way
- enjoy working out maths problems

You may like to print the task sheet on the next page:

Here's what to do:

- Have paper, a pencil or crayons/felt pens, and some counting materials (e.g. dried beans, buttons, bottle tops, counters) ready.

- Choose one problem that appeals to you and read it with your child (you may like to cut it out).
- Have your child explain to you what the problem is asking them to do and how they might go about working it out.
- Give them time and encouragement to solve it.
- Listen carefully as your child explains their solution/s and tell them what you like about what they have done.
- Try another problem when you're both ready.

Hei Mahi | Te Whakaoti Rapanga It's a problem

Tau Kura 2

Notes for parents. Activity next page.

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He tauira kōrero Māori

Kia pānui tahi tāua i tēnei rapanga.	Let's read this problem together.
He aha te pātai i konei? He aha te ngako o te pātai?	What is the question here? What is the gist of this question?
He aha te mahi hei whakaoti i tēnei rapanga.	What do we need to do to solve this problem?
Tuhia he pikitia hei whakaatu i tēnei rapanga.	Draw a picture to show this problem.

Hei Mahi | Te Whakaoti Rapanga
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Tau Kura 2

He aha te hautanga kahurangi o tēnei āhua?

Tuhia ētahi atu āhua, ka karakara ai i tēnei hautanga.

He tauira kōrero Māori

E hia katoa ngā wehenga iti o te tapawhā hāngai nei?	Let's read this problem together.
E toru ngā wehenga ōrite, nō reira he hauaha ia wehenga?	What is the question here? What is the gist of this question?
Tuhia he porowhita. Karakarangia te hautoru o te porowhita.	What do we need to do to solve this problem?

E 20 katoa ngā wīra o ngā pahikara me ngā motokā kei te tūnga waka.

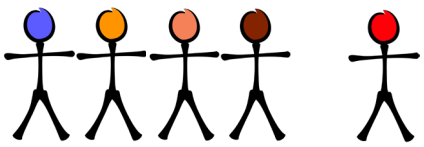
E hia pea ngā pahikara me ngā motukā?

He tauira kōrero Māori

Tuhia he pikitia o ētahi pahikara me ētahi motukā. E hia katoa ngā wīra?	Draw a picture of some bikes and cars. How many wheels altogether?
E hia ngā pahikara, ngā motukā rānei hei tāpiri atu ki tō pikitia kia eke ki te 20 te maha katoa o ngā wīra?	How many bikes and cars do you need to add to your picture to get up to 20 wheels altogether?
Mēnā karekau he motukā, e hia ngā pahikara kia eke ki te 20 te maha o ngā wīra katoa?	If there are no cars, how many bikes would there be so that there are 20 wheels altogether?
Mēnā kotahi te motukā, e hia ngā pahikara kia eke ki te 20 te maha o ngā wīra katoa?	If there is one car, how many bikes would there be so that there are 20 wheels altogether?
Me pēhea te tuhi i te maha o ngā pahikara me te maha o motukā mēnā e 20 te maha o ngā wīra katoa?	How could we record the number of bikes and the number of cars if the total number of wheels is 20?

Ka whakarōpūngia ngā tamariki o te akomanga, ka whā tamariki ki ia rōpū. Kotahi te tamaiti e toe ana.

Tokohia pea ngā tamariki katoa o te akomanga?



He tauira kōrero Māori

Titiro ki tēnei pikitia. E hia ngā rōpu o te whā? E hia ngā tamariki e toe ana?	Look at this picture. How many groups of 4? How many children are left over?
Tuhia he pikitia mēnā e rua ngā rōpū, ā, kotahi tonu te tamaiti e toe ana. E hia katoa ngā tamariki?	Draw a picture of two groups and one child still left over. How many children altogether?

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Tau Kura 2

Hui katoa, tekau mā tahi ngā karere ā-waea ka tae mai ki a Māmā i te Rāhina me te Rātū.
E hia pea i tae atu tēnā rangi, i tēnā rangi, i ēnei rā e rua nei?

He tauira kōrero Māori

Mēnā karekau ngā karere a Māmā i te Rāhina, e hia i te Rātū?	If she got no messages on the Monday, how many did she get on the Tuesday?
Mēnā kotahi te karere i te Rāhina, e hia i te Rātū?	If she got one message on the Monday, how many did she get on the Tuesday?
Me pēhea te tuhi i te maha o ngā karere i tae atu ki a Māmā i tēnā rangi, i tēnā rangi.	How can we record the number of text messages Māmā got on each day?

He aha ngā tau kei raro iho i te 100 ka taea te tuhi, mēnā ka whakamahia ēnei mati: 1, 0, 2, 7, 8, 4?

He tauira kōrero Māori

He aha ngā tau mati-tahi ka taea te tuhi?	What are the one-digit number you can write?
Ka taea he tau mati-toru ki raro iho i te 100?	Can you have a three-digit number less than 100?
Mēnā ko te 1 te mati tuatahi, he aha ngā tau katoa kei raro iho i te 100 ka taea te tuhi?	If 1 is the first digit, what are all the numbers less than 100 that you can write?
Mēnā ko te 2 te mati tuatahi, he aha ngā tau katoa kei raro iho i te 100 ka taea te tuhi?	If 2 is the first digit, what are all the numbers less than 100 that you can write?

E ono ngā tapawhā rite ka honoa tahitia. He pēhea nei te āhua ka puta?

He tauira kōrero Māori

Tuhia he pikitia o ētahi tapawhā rite e ono e honoa tahitia ana.	Draw a picture of 6 squares joined together.
Whakamāramatia mai, he pēhea nei te hono tahi o ngā tapawhā rite.	Explain to me how the 6 squares are joined together.
E hono ana ngā tapa, e hono ana ngā kokonga rānei?	Are the sides joined together, or the corners?
Ka taea ngā tapawhā e ono te hono kia rite ki te arapiki te āhua?	Can you join the six squares so they look like stairs?
Ka taea ngā tapawhā e ono te hono kia rite ki te tauira tukutuku o te pātiki?	Can you join the six squares so they resemble the pātiki tukutuku pattern?