

## Notes for parents and activity.



The purpose of this task is to help your child to use mental strategies, and then check with materials as they:

- work out the difference between two numbers by adding and subtracting.

You need:

- a collection of up to 40 objects (such as clothes pegs, marbles, counters, bottle tops, paper clips, tiny toys)
- two 'covers' (such as tea towels, cardboard, paper, paper plates, boxes)



Here's what you do. Take turns to:

- Put a group of objects under each cover. The number of items in each group should be different. (eg. 5 and 8). Begin with numbers up to and including 10. Use numbers up to 20 when your child is ready.
- Tell the other person how many are hidden in each place.
- That person must say the difference between the hidden numbers. (e.g. 3 is the difference between 5 and 8)
- They must explain by using addition (counting up) or by subtracting. ("I counted 6,7,8. So it's 3." Or, "I said 8 takeaway 5 is 3. So the difference is 3.")
- If the person is correct they uncover the items and **subtract and keep** that number from the larger pile, then check that the piles now have the same number.
- If the person is incorrect they uncover, **subtract and check**, but they don't keep the objects.
- The game finishes when there are 10 or fewer objects left.



# Hei Mahi | Te Huatango

## Keep the difference

# Tau Kura 2



### He taura kōrero Māori

E rima ngā porotiti kei tenei rōpū. E waru kei tēnei rōpū.	There are five counters in this group. There are eight in this group.
E toru te nui ake o tēnei rōpū i tēnei. Koirā te huatango.	This group is three more than this one. That's the difference.
Ko te toru te huatango o ēnei rōpū porotiti.	Three is the difference between these groups of counters.
E hia ngā taupoki miraka kei tēnei rōpū? (E whā)	How many milk tops on this group? (4)
E hia ngā taupoki miraka kei tēnei rōpū? (E ono)	How many milk tops on this group? (6)
Māku ēnei rōpū e uhi.	I'll cover over these groups.
E hia te huatango o ngā rōpū?	What is the difference between these groups?
E whā ki tēnei rōpū. Ka tatau ake i te whā. Rima, ono. E rua ngā tau tatau. Nō reira ko te rua te huatango.	There's 4 in this group. Count up from 4. Five, Six. That's two numbers counted. So the difference is 2.
Tangohia te whā i te ono, ka rua. Koirā te huatango.	Take 4 away from 6, you get 2. That's the difference.
E iwa ngā kini pepa kei tēnei rōpū. Tekau mā whā kei tēnei. E hia te huatango?	There's 9 paper clips in this group, and 14 in this group. What's the difference?
Kei te kī mai koe ko te 5 te huatango. Tangohia te rima i te rōpū nui. He ōrite ināianei ngā rōpū e rua.	You're saying that the difference is 5. Take 5 away from the large group. The groups are now the same.
Kei te tika koe. Ko te 5 te huatango. Māu e pupuri ngā kini pepa e rima.	You are correct. The difference is 5. You keep the 5 paper clips.

