

➤ Notes for parents. Activity next page.

The purpose of this task is to help your child:

- learn to use tables (charts) to connect members of a sequential pattern.

Think about this:

- Where will they write the tables that they'll use to show what is happening in the pattern of each 'operations machine'? Suggest that they make two columns and write at the top, Numbers In and Numbers Out.
- Encourage your child to look carefully at the number operations (+, -, x, ÷) shown on each machine.
- Your child will need you, or another family member, to talk with them about what they are doing (instead of a classmate).
- Encourage them to ask you what you think is happening in any of the patterns!
- Your child might like to create an 'operations machine' of their own and get someone in your family to have a go at working it out.



He taura kōrero Māori

He pūrere paheko tau ēnei. Ka whakaurua he tau ki roto, ā, ka tuhaina he tau kē ki waho.	These are number operation machines. You put a number in and another number is spat out.
He aha te paheko tau o tēnei pūrere?	What is the operation of this number machine?
Tuhia he tūtohi hei whakaatu i ngā tau ka whakaurua ki te pūrere me ngā tau ka tuhaina ki waho.	Write a table to show the numbers that are put in to the machine and the numbers that are spat out.
Ka whakaurua te 20. Ka whakawehea ki te 5. Nō reira he aha te tau ka tuhaina ki waho?	20 is put in. It is divided by 5. So what is the number that gets spat out?
Ko te 20, te 30 me te 40 ngā tau ka whakaurua ki te pūrere. Ko te 4, te 6 me te 8 ngā tau ka tuhaina ki waho. He aha te taura o ēnei tau tuhatuha?	20, 30, and 40 are the numbers that go in to the machine. 4, 6 and 8 are spat out. What is the pattern of these 'spat out' numbers?
Whakaroatia te taura o ngā tau tuhatuha.	Extend the pattern of the 'spat out' numbers.



He Pūrere Tuha Tau

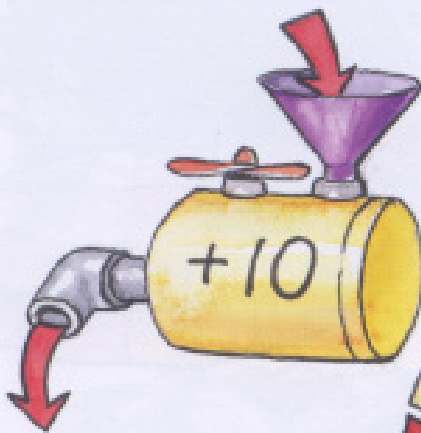
Ka hiahiatia he hoa

he tātaitai

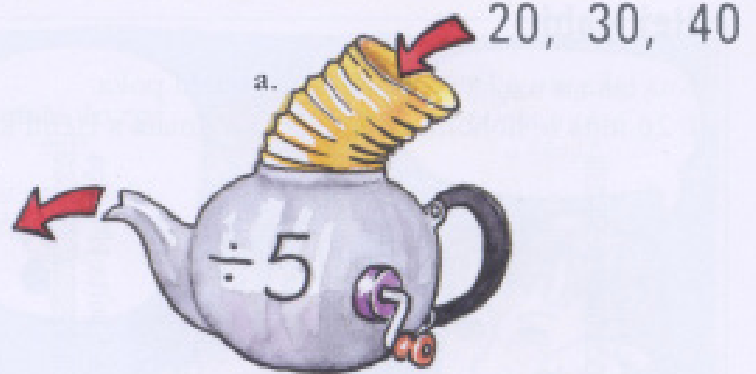
Hei Mahi 1

Kuhuna ia tau ki roto i tana pūrere paheko.
Tuhia ngā tau ka tuhaina mai.

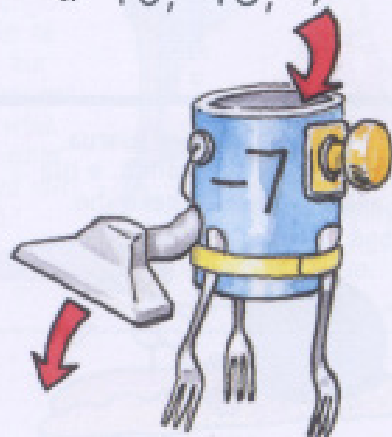
e. 12, 8, 4,



h. 14, 12, 6



i. 18, 13, 7



Hei Mahi 2

Kuhuna ana e Hikaka ētahi tau ki roto i tana pūrere paheko.
Ka tāia e ia he tūtohi kia pai ai tana tuhi i ngā tau i kuhuna atu, me ngā tau hou i tuhaina mai.

1. Tāia te tūtohi a Hikaka ki tō pukapuka, ka whakakī i ngā wāhi wātea.

Te tau i kuhuna	Te tau i tuhaina
1	4
2	5
3	
4	



2. E rua atu anō ngā pūrere paheko kua whakamahia e Hikaka i konei. Tāia ana tūtohi hou ki tō pukapuka, ka whakakī i ngā wāhi wātea.

a. 2, 4, 5, 6

Te tau i kuhuna	Te tau i tuhaina
2	22
4	
6	25

e. Te tau i kuhuna

Te tau i kuhuna	Te tau i tuhaina
6	
12	
	5
	8

Te tau i tuhaina

Hei Mahi 3

Kātahi a Hikaka ka tūhono i ētahi o ana pūrere paheko.

1. Tāia ngā tūtohi a Hikaka ki tō pukapuka, ka whakakī i ngā wāhi wātea.
2. Whakawhiti kōrero ki tō hoa mō ngā taurira e kitea ana i ēnei tūtohi.

a.

Te tau i kuhuna	Te tau i tuhaina
5	18
6	
7	
8	

e.

Te tau i kuhuna	Te tau i tuhaina
3	
5	
9	17

h.

Te tau i kuhuna	Te tau i tuhaina
	14
5	
7	49
12	

i.

Te tau i kuhuna	Te tau i tuhaina
6	
10	
	11
	14
22	