

➤ Notes for parents. Activity next page.

The purpose of this task is to have your child:

- see how numbers are 'related', depending on the number operation (+, -, x, ÷) used

In particular your child is encouraged to see that addition and subtraction are inverse operations, just as multiplication and division are inverse operations.

Inverse operations **reverse** the effect of another operation.

For example:

$60 + 20 = 80$, and $80 - 20 = 60$. Subtraction 'undoes' addition, (or 'reverses the operation').

$20 \times 3 = 60$, and $60 \div 3 = 20$. Division 'undoes' multiplication (or 'reverses the operation').

Think about this:

- Make sure that a pencil and paper are available.
- If your child sees an addition fact, encourage them to also see the 'related' subtraction fact.
Similarly with multiplication and division.
- Encourage your child to see if they know a basic fact such as $3 \times 2 = 6$, this fact helps them with $3 \times 20 = 60$, or $30 \times 2 = 600$.
- As your child writes down equations to show the relationships that they find, have them explain some of these to you and together, check the equations for accuracy.



He tauira kōrero Māori

Kimihia ētahi tau e toru (o roto i ēnei tau) e whai pānga ana tētahi ki tētahi.	Find three numbers (from these numbers) that are related to each other.
Whakamāramatia mai te pānga o ēnei tau e toru.	Explain how these three numbers are related to each other.
He aha te paheko e hono ana i ēnei tau e toru? Ko te tāpiri me te tango, ko te whakarea me te whakawehe rānei?	What is the operation that joins these three numbers? Is it addition, subtraction multiplication or division?
Tuihia te whakareatanga me te whakawehenga e hono ana i ēnei tau e toru.	Write down the multiplication and division that joins these three numbers together.
Whakareatia te 30 ki te 2, ka 60. Whakawehea te 60 ki te 2, ka 3.	Multiply 30 by 2, you get 60. Divide 60 by 2, you get 3.
Tangohia te 20 i te 80, ka 60. Tāpiria te 60 me te 20, ka 80.	Take 20 away from 80, you get 60. Add 60 and 20 you get 80.
Ko te $15 \times 3 = 45$ te whakareatanga. He aha te whakawehenga e whai pānga ana?	$15 \times 3 = 45$ is the multiplication. What is the related division?



Titiro ki ēnei tau. Kimihia ētahi tau e toru e whai pānga ana tētahi ki tētahi.

Tuhia te whakareatanga, te whakawehenga, te tāpiritanga, te tangohanga rānei e hono ana i aua tau e toru.

15	300	45	10	
60	2	80	20	
90	40	1200		
600	4	400	30	3

