

➤ Notes for parents. Activity next page.

The purpose of this task is to help your child:

- to apply their subtraction, multiplication and division basic facts knowledge to solving number problems

Think about this:

- Make sure that a pencil and paper are available.
- Notice that each of these problems is 'open' and can have many answers.
- Your child is encouraged to write down all the possible solutions that they find to each problem. That way they can 'justify' their answers to the questions by showing you and explaining to you how they know they are right.
- Be sure to make time to discuss with your child what they find as they try out different numbers in their search for solutions.
- You might like to encourage them to look for a systematic way to approach each task, rather than randomly trying numbers.
- Perhaps you might enjoy doing this task too!



Hei Mahi | Ngā tau e ngaro ana

Missing numbers

**Tau
Kura 6**

He tauira kōrero Māori

Rautaki 1:	
Mēnā ko te 167 te tau runga o te tangohanga, he aha te tau ka tangohia kia riro ko te 67 te otinga?	If 167 is the top number of the subtraction, what would the take away number be to get a result of 67?
Mēnā ko te 168 te tau runga?	If 168 was the top number?
Nō reira e hia pea ngā otinga o tēnei rapanga? Tuhia ētahi atu.	So how many answers might there be to this problem? Write some others down.
Rautaki 2:	
Tuhia ētahi whakareatanga e taea ana. Ko te 6×66 tētahi. Whakamahia he tātaimai hei whiriwhiri i ngā otinga.	Write down some possible multiplications. 6×66 is one. Use a calculator to work out the answers.
Rautaki 3:	
He aha ētahi tau ka taea te whakawehe ki te 10, karekau he otinga? Ko te 290 tētahi, ko te 300 tētahi.	What are some numbers you can divide by ten and have no remainder? 290 is one, 300 is another.
Nō reira, ka tāpiria te aha ki te 281 kia eke ki te 290? Koia tētahi otinga ki tēnei rapanga. He aha ētahi atu?	So what do you add to 281 to get 290? That would be one solution to this problem. What are some others?
E hia pea ngā otinga ki tēnei rapanga? He aha i pēnā ai ō whakaaro?	How many solutions might there be for this problem? Why do you think that?



Hei Mahi | Ngā tau e ngaro ana Missing numbers

Tau
Kura 6

Tīkina he pepa, he pene rākau hei mahi māu.



Ko te 67 te otinga o tēnei rapanga.

He aha pea ēnei tau e rua?

He nui ake i te 20 ngā otinga ki tēnei rapanga?

Whakamāramatia ō whakaaro.

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—	<input type="text"/>	<input type="text"/>	<input type="text"/>
			<hr/>
			6 7
			<hr/>

He rapanga whakarea tēnei:

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Mēnā ka whakamahia ngā mati 6, 7, 8, 0, ko ērā anake, e hia ngā otinga rerekē e taea ana?

Tuhia ngā whakareatanga, ka whakamārama ai i ō whakaaro.

Ka tāpiria tētahi tau ki te 281, ka whakawehe ai i te tapeke ki te 10.

Arā, $(281 + \square) \div 10$. He tauoti te otinga, arā, karekau he toenga o te whakawehenga.

He aha ētahi tau tāpiri mō tēnei paheko?

Tuhia ō mahi, ka whakamārama ai.

Based on problems by Peter Sullivan.

