

➤ Notes for parents. Activity next page.

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

- learn how to identify and work with numbers that, when added together, give a sum that is a round number that ends in zero

These number pairs are known as compatible numbers.

**Think about this:**

- Check with your child that they have thought about how and where they will write down their thinking as they find the 'compatible' numbers?
- Compatible numbers are often handy when you are solving number problems.
- Your child could make their own grid of compatible numbers to 200, or 500 or 1000, and could have you, or someone in your family, 'spot the compatibles'.
- Your child will need you, or another family member, to talk with them about what they are doing (instead of a classmate).



**He tauira kōrero Māori**

Ko te taurata te kupu Māori mō 'ngā tau tapeke pai'. Arā, 'e rata ana' tētahi tau ki tētahi.	Taurata is the Māori word for compatible numbers. That is, one number takes well with another.
Ina tāpiria he taurata, he tau māmā te hua.	If two compatible numbers are added together, a tidy number is the result.
Ko ngā tau ngahuru, (10, 20, 30, 40 ...) me ngā tau rau (100, 200, 300...) me ngā tau mano (1,000, 2,000, 3,000...) hei tauira o te tau māmā.	The decades (10, 20, 30, 40 ...), the hundreds (100, 200, 300...) and the thousands (1,000, 2,000, 3,000...) are examples of tidy numbers.
He taurata te 29 me te 41, nā te mea ko te 70 te tapeke. He tau māmā te 70.	29 and 41 are compatible numbers because their sum is 70. 70 is a tidy number.
He aha ētahi taurata, ko te 100 te tapeke?	What are some compatible numbers that add up to 100?
Whakamahia he taurata hei rautaki whakaoti i tēnei tāpiritanga, $25 + 76$ .	Use compatible numbers as a strategy to solve this addition, $25 + 76$ .
He taurata te 25 me te 76, ko te 100 te tapeke. Tāpiria kia kotahi anō, ko te 101 te otinga o te $25 + 76$ .	25 and 76 are compatible numbers that add to 100. Add one more and you get 101 which is the answer for $25 + 76$ .



# Ngā Tau Tapeke Pai

Ka hiahiatia  he hoa  he pepa tukutuku tapawhā

## Hei Mahi

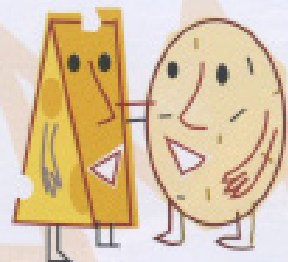
Ko ngā tau "tapeke pai", ko ērā e puta ake ai he tau nahanaha ina tāpirihia, arā, ka tapeke pea ki te 10, ki te 20, ki te 100, ki te 1000 rānei.



1. I te tukutuku i raro nei, arā te maha atu o ngā takirua tapeke pai ka tapeke ki te 100. Tēnā kimihia mai kia 10, nui ake rānei ngā takirua pēnei, ka tuhi ai ki te pepa.

25	72	85	71	67	75	10	32
60	31	30	55	28	33	35	70
90	18	45	17	41	83	68	65
82	40	69	51	29	59	15	49

Mā ngā tau tapeke pai koe e āwhina ki te whakaoti rapanga. Hei tauira, he rite te  $55 + 46$  ki te  $55 + 45$  me te tāpiri i tētahi atu 1, nō reira  $55 + 46 = 101$ .



2. Whakamahia ngā tau tapeke pai e whakaaturia ana hei whakaoti i ēnei rapanga:
- Ki te mōhio koe ko te  $23 + 77 = 100$ , he aha te  $25 + 78$ ?
  - Ki te mōhio koe ko te  $45 + 55 = 100$ , he aha te  $47 + 56$ ?

3. Whakamahia ngā tau tapeke pai hei whakaoti i ngā whārite nei:

- |                             |                             |                             |
|-----------------------------|-----------------------------|-----------------------------|
| a. $25 + 76 =$              | e. $52 + 52 =$              | h. $64 + 38 =$              |
| i. $92 + 12 =$              | k. $55 + 48 =$              | m. $75 + 29 =$              |
| n. $58 + 44 =$              | o. $23 + 88 =$              | p. $37 + 68 =$              |
| r. $340 + \square = 1\ 000$ | t. $297 + \square = 1\ 000$ | u. $870 + \square = 1\ 000$ |

4. Waihangatia he tukutuku "Kimihia ngā Tau Tapeke Pai" mō tētahi tapeke i tua atu i te 100. Hoatu mā tō hoa e whakaoti.

