

# He Rautaki Tāpiritanga, Tangohanga Hoki: Ngā Tau Tapeke Māmā mō te Tekau

4

5

6

E ako ana ahau i ngā tau tapeke māmā mō te tekau.

7

8

## Hei Mahi 1

### Ngā tohutohu:

Ko te 10 te tapeke o ētahi o ēnei tāpiritanga. He tau māmā te 10. Tuhia ngā tāpiritanga ko te 10 te tapeke.

- |             |              |               |
|-------------|--------------|---------------|
| 1) $2 + 8$  | (2) $3 + 6$  | (3) $7 + 4$   |
| 4) $6 + 4$  | (5) $7 + 2$  | (6) $3 + 7$   |
| 7) $3 + 5$  | (8) $5 + 5$  | (9) $4 + 7$   |
| 10) $1 + 9$ | (11) $6 + 6$ | (12) $0 + 10$ |

### Ngā tohutohu:

Tuhia ēnei tāpiritanga, me te tohu anō mēnā e TIKA ana, e HĒ ana rānei te tāpiritanga.

- |                  |                   |                    |
|------------------|-------------------|--------------------|
| 13) $5 + 4 = 10$ | (14) $8 + 5 = 10$ | (15) $8 + 2 = 10$  |
| 16) $9 + 1 = 10$ | (17) $4 + 7 = 10$ | (18) $3 + 9 = 10$  |
| 19) $5 + 2 = 10$ | (20) $3 + 8 = 10$ | (21) $10 + 0 = 10$ |
| 22) $3 + 7 = 10$ | (23) $6 + 5 = 10$ | (24) $2 + 7 = 10$  |

### Hei whakaaroaro:

- 25) E tika ana te tāpiritanga nei  $4 + 6 = 10$ . Nō reira, kei te tika anō hoki tēnei tuhinga o te tāpiritanga  $10 = 4 + 6$ ? Whakamāramatia mai.
- \*26) He nui ake i te 10 te otinga o ētahi o ngā tāpiritanga i runga nei (nama 13 - 24). He iti iho i te 10 te otinga o ētahi. He aha tētahi rautaki e tere ai tō kite mēnā he nui ake i te 10, he iti iho rānei te otinga?

## Hei Mahi 2

### Ngā tohutohu:

He nui ake i te 10, he ōrite ki te 10, he iti iho rānei i te 10 ngā tāpiritanga e whai ake nei. Tuhia ngā tāpiritanga me te tohu e tika ana, ara, te <, te =, te > rānei.

- |             |    |              |    |               |    |
|-------------|----|--------------|----|---------------|----|
| 1) $6 + 4$  | 10 | (2) $2 + 7$  | 10 | (3) $8 + 4$   | 10 |
| 4) $9 + 1$  | 10 | (5) $7 + 4$  | 10 | (6) $5 + 5$   | 10 |
| 7) $6 + 5$  | 10 | (8) $4 + 4$  | 10 | (9) $1 + 8$   | 10 |
| 10) $7 + 3$ | 10 | (11) $2 + 9$ | 10 | (12) $6 + 6$  | 10 |
| 13) $7 + 5$ | 10 | (14) $2 + 8$ | 10 | (15) $9 + 3$  | 10 |
| 16) $4 + 6$ | 10 | (17) $8 + 5$ | 10 | (18) $3 + 6$  | 10 |
| 19) $3 + 5$ | 10 | (20) $5 + 4$ | 10 | (21) $0 + 10$ | 10 |

## Hei Mahi 3

### Ngā tohutohu:

Tuhia te tau e tika ana ki te pouaka, kia tika ai te tāpiritanga. Tuhia te katoa o te tāpiritanga ki tō pukapuka.

- |                        |                         |                         |
|------------------------|-------------------------|-------------------------|
| 1) $9 + \square = 10$  | (2) $5 + \square = 10$  | (3) $1 + \square = 10$  |
| 4) $8 + \square = 10$  | (5) $\square + 8 = 10$  | (6) $3 + \square = 10$  |
| 7) $\square + 1 = 10$  | (8) $6 + \square = 10$  | (9) $\square + 7 = 10$  |
| 10) $2 + \square = 10$ | (11) $\square + 2 = 10$ | (12) $\square + 5 = 10$ |
| 13) $7 + \square = 10$ | (14) $4 + \square = 10$ | (15) $\square + 0 = 10$ |

## Hei Mahi 4

1)  $\square + \triangle = 10$

Ko te tikanga o tēnei rerenga kōrero e mea ana, e rua ngā tau e tāpirihia ana, ā, ko te 10 te tapeke. Tuhia ngā tau tāpiri takirua katoa e taea ana.

## Hei Mahi 5

### Ngā tohutohu:

Tuhia te tau e tika ana ki te pouaka kia tika ai te tangohanga. Tuhia te katoa o te tangohanga ki tō pukapuka.

- |                       |                         |                        |
|-----------------------|-------------------------|------------------------|
| 1) $10 - 1 = \square$ | (2) $10 - \square = 8$  | (3) $10 - 9 = \square$ |
| 4) $10 - \square = 7$ | (5) $10 - \square = 5$  | (6) $10 - 4 = \square$ |
| 7) $10 - \square = 6$ | (8) $10 - \square = 2$  | (9) $10 - 6 = \square$ |
| 10) $\square - 5 = 5$ | (11) $10 - \square = 7$ | (12) $\square - 9 = 1$ |

### Ngā tohutohu:

Tuhia ēnei tangohanga, ka tohu ai mēnā e TIKĀ ana, e HĒ ana rānei.

- |                  |                   |                   |
|------------------|-------------------|-------------------|
| 13) $10 - 1 = 8$ | (14) $10 - 5 = 5$ | (15) $10 - 2 = 9$ |
| 16) $10 - 4 = 6$ | (17) $10 - 7 = 2$ | (18) $10 - 6 = 4$ |
| 19) $10 - 3 = 6$ | (20) $10 - 8 = 2$ | (21) $10 - 3 = 7$ |

- 22) He meka tāpiritanga te  $9 + 1 = 10$ . E taea ana te huri hei tangohanga. E rua ngā tangohanga e hāngai ana, arā,  $10 - 1 = 9$  me te  $10 - 9 = 1$ . Tuhia ngā meka tāpiritanga katoa mō te 10, me ngā tangohanga e rua e hāngai ana ki tēnā me tēnā o ngā tāpiritanga.

## Hei Mahi 6

### Ngā tohutohu:

Whakamahia tō mōhio ki te 'tau tapeke māmā' hei āwhina i a koe ki te whakaoti i ēnei tāpiritanga.

- |                         |                          |                          |
|-------------------------|--------------------------|--------------------------|
| 1) $5 + 3 + 5$          | (2) $9 + 1 + 8$          | (3) $2 + 3 + 8$          |
| 4) $4 + 5 + 6$          | (5) $7 + 9 + 3$          | (6) $2 + 8 + 7$          |
| 7) $4 + 10 + 6$         | (8) $20 + 7 + 3$         | (9) $6 + 40 + 4$         |
| 10) $3 + 4 + 6 + 7$     | (11) $5 + 8 + 5 + 2$     | (12) $1 + 4 + 9 + 6$     |
| 13) $9 + 2 + 3 + 1 + 7$ | (14) $4 + 5 + 2 + 8 + 6$ | (15) $8 + 3 + 2 + 2 + 8$ |
| 16) $2 + 1 + 9 + 3$     | (17) $6 + 6 + 4 + 1$     | (18) $5 + 3 + 2 + 7$     |

## Hei Mahi 7: He rapanga pakitau

### Ngā tohutohu:

He tapeke māmā kei roto i ētahi o ngā rapanga pakitau nei. Tuhia te tāpiritanga, te tangohanga rānei o ia rapanga. Whakamahia te rautaki ‘tau tapeke māmā’ mēnā e hāngai ana hei whakaoti i ngā rapanga.

- 1) E 6 ngā paramu a Hone. E 4 ka kainga e rāua ko tōna hoa. E hia ngā paramu e toe mai ana?
- 2) E 3 ngā kōpae pūoro a Hēni, e 7 ā Keriana. E hia katoa ā rāua kōpae pūoro?
- 3) E 3 ngā whārangi kua oti i a Hāmi te tuhi. E 7 kua tuhia e Himiona. E hia te nuinga ake o ngā whārangi a Himiona, tērā i ngā whārangi a Hāmi?
- 4) Ka whara a Emere. E 8 ngā tuinga hei whakapai i tana ringaringa, e 2 ngā tuinga i tana pāpāringa. E hia katoa ana tuinga?
- 5) E 6 ngā omanga amio i te papa poitarawhiti a Huhana. Ko te tohutohu a tana kaiako kia 10 katoa ngā amionga. E hia e toe mai ana hei whakaoti māna?
- 6) E 5 ngā pene i hokona e Rewi, e 5 anō i hokona e Saskia. E hia katoa ngā pene i hokona e rāua tahi?
- 7) 10 ngā tīkiti hei tohatoha mā Whaea Wini. E 3 kua tohaina e ia. E hia atu anō hei tohatoha māna?
- 8) E 6 ngā tuangi i kohia e Tai, e 4 i kohia e Mereana. E hia katoa ā rāua tuangi?
- 9) E 7 ngā pene a Arihia, engari e 3 kua pakaru i tana teina. E hia ana pene pai?
- 10) \$10 te utu o te kōpae pūoro e hiahia ana a Hinehou ki te hoko. Engari e \$2 noa iho te rahi o tana pūtea. E hia atu anō hei penapena māna?
- 11) E 8 ngā pukapuka a Hirini, e 2 ka hoatu hei pānui mā tētahi hoa. E hia ngā pukapuka e toe mai ana ki a ia?
- 12) 10 ngā pukapuka tīkiti rāwhera hei hoko mā Zane. Nā tana koroua tētahi i hoko. E hia ngā pukapuka e toe mai ana hei hoko māna?
- 13) E 7 ngā pene whaikano a Hone. E 4 te itinga iho ngā pene a Pita. E hia katoa ā rāua pene?
- 14) 10 ngā rētehi i whakatipuria e Pāora. E 4 kua kainga kētia e tōna whānau. E hia ngā rētehi e toe mai ana?
- 15) Tuhia kia rima ngā rapanga pakitau. Kia whai wāhi mai te rautaki ‘tapeke māmā’ hei whakaoti i ō rapanga.

## Hei Mahi 8: He tauira tapeke māmā

- 1) He aha te tauira o ngā tāpiritanga kei raro iho nei? Whakaotia te tauira, kia tae atu ki te 100. Whakamāramatia te tauira.

$$7 + 3 = 10$$

$$17 + 3 = 20$$

$$27 + 3 = 30$$

$$37 + 3 = 40$$

$$47 + 3 = 50$$

$$57 + 3 = 60$$

- 2) Tuhia he tauira tāpiritanga pēnei i te tauira kei runga ake nei. Ko te  $8 + 2$  hei tīmata i tō tauira.
- 3) Tuhia kia rua atu anō ngā tauira e whakaatu mai ana i ngā tau tapeke māmā.

## Hei Mahi 9

- 1) He aha te tauira e kitea mai ana i ēnei tāpiritanga?

$$70 + 30 = 100$$

$$60 + 40 = 100$$

$$10 + 90 = 100$$

$$50 + 50 = 100$$

- 2) Tuhia kia rua atu anō ngā tāpiritanga o tēnei tauira.
- 3) Whakaotia te rerenga kōrero nei:  
Mā te mōhio ki ngā meka tāpiritanga mō te 10, ka mōhio anō ki \_\_\_\_\_

## Hei Mahi 10

- 1) Kei te ngaro tētahi o ngā tau tāpiri me te tohu o tēnei tāpiritanga. Whakamahia ngā tohu e toru nei  $>$ ,  $=$ ,  $<$ , me ētahi tau rerekē e toru, hei tuhi i ētahi tāpiritanga tika e toru:  
 $\square + 3 = 10$
- 2) He aha ngā tau e taea ana te tuhi ki ngā pouaka nei kia tika ai te tāpiritanga? Kia ōrite te tau ki ia pouaka:  $\square + \square = 10$

- 3) He aha ngā tau e taea ana te tuhi ki ngā pouaka nei kia tika ai te tāpiritanga? Kia ōrite te tau ki ia pouaka:  $\square + \square + \square + \square + \square = 10$
- 4) He aha ngā tau e taea ana te tuhi ki ngā pouaka nei kia tika ai te tāpiritanga? Kia ōrite te tau ki ia pouaka:  $\square + \square + 2 = 10$
- 5)  $500 + 500 = 1000$ .  
Tuhia ētahi atu meka tāpiritanga māmā mō te 1000.

# Ngā Otinga

## Hei Mahi 1

Koia nei ngā tāpiritanga ko te 10 te tapeke: 1, 4, 6, 8, 10, 12

- 13) HĒ                      (14) HĒ                      (15) TIKA                      (16) TIKA  
17) HĒ                      (18) HĒ                      (19) HĒ                      (20) HĒ  
21) TIKA                      (22) TIKA                      (23) HĒ                      (24) HĒ

25) Āe, e tika ana ngā tāpiritanga e rua nā te mea he ōrite te rahi o ia taha o te tohu '='.

26) Whakawhitiwhiti kōrero me tō pouako.

## Hei Mahi 2

- 1) =                      (2) <                      (3) >                      (4) =  
5) >                      (6) =                      (7) >                      (8) <  
9) <                      (10) =                      (11) >                      (12) >  
13) >                      (14) =                      (15) >                      (16) =  
17) >                      (18) <                      (19) <                      (20) <  
21) =

## Hei Mahi 3

- 1) □ = 1                      (2) □ = 5                      (3) □ = 9                      (4) □ = 2  
5) □ = 2                      (6) □ = 7                      (7) □ = 9                      (8) □ = 4  
9) □ = 3                      (10) □ = 8                      (11) □ = 8                      (12) □ = 5  
13) □ = 3                      (14) □ = 6                      (15) □ = 10

## Hei Mahi 4

10 + 0    1 + 9    2 + 8    3 + 7    4 + 6    5 + 5    6 + 4    7 + 3    8 + 2  
9 + 1    0 + 10

Whakawhitiwhiti kōrero me tō pouako.

## Hei Mahi 5

- 1) 10 - 1 = 1                      (2) 10 - 2 = 8                      (3) 10 - 9 = 1

- 4)  $10 - 3 = 7$  (5)  $10 - 5 = 5$  (6)  $10 - 4 = 6$   
 7)  $10 - 4 = 6$  (8)  $10 - 8 = 2$  (9)  $10 - 6 = 4$   
 10)  $10 - 5 = 5$  (11)  $10 - 3 = 7$  (12)  $10 - 9 = 1$   
 13) HĒ (14) TIKA (15) HĒ (16) TIKA  
 17) HĒ (18) TIKA (19) HĒ (20) TIKA  
 21) TIKA  
 22) Whakawhitiwhiti kōrero me tō pouako.

### Hei Mahi 6

- 1) 13 (2) 18 (3) 13 (4) 15  
 5) 19 (6) 17 (7) 20 (8) 30  
 9) 50 (10) 20 (11) 20 (12) 20  
 13) 22 (14) 25 (15) 23 (16) 15  
 17) 17 (18) 17

### Hei Mahi 7

- 1)  $6 - 4$  or  $6 - 4 = \square$  Kāore e eke ki te 10. Ehara i te tapeke māmā.  
 2)  $3 + 7$  or  $3 + 7 = \square$  Tapeke māmā: 10  
 3)  $7 - 3$  or  $7 - 3 = \square$  or  $3 + \square = 7$  Kāore e eke ki te 10. Ehara i te tapeke māmā.  
 4)  $8 + 2$  or  $8 + 2 = \square$  Tapeke māmā: 10  
 5)  $10 - 6$  or  $10 - 6 = \square$  or  $6 + \square = 10$  Tapeke māmā: 10  
 6)  $5 + 5$  or  $5 + 5 = \square$  Tapeke māmā: 10  
 7)  $10 - 3$  or  $10 - 3 = \square$  or  $3 + \square = 10$  Tapeke māmā: 10  
 8)  $6 + 4$  or  $6 + 4 = \square$  Tapeke māmā: 10  
 9)  $7 - 3$  or  $7 - 3 = \square$  Kāore e eke ki te 10. Ehara i te tapeke māmā.  
 10)  $10 - 2$  or  $10 - 2 = \square$  or  $2 + \square = 10$  Tapeke māmā: 10  
 11)  $8 - 2$  or  $8 - 2 = \square$   
 12)  $10 - 1$  or  $10 - 1 = \square$  or  $1 + \square = 10$  Tapeke māmā: 10  
 13)  $7 - 4 = 3$ , then  $7 + 3$  or  $7 + 3 = \square$  Tapeke māmā: 10  
 14)  $10 - 4$  or  $10 - 4 = \square$  Kāore e eke ki te 10. Ehara i te tapeke māmā.  
 15) Hoatu ō rapanga pakitau hei tiroiro mā tō pouako.



## Hei Mahi 8

- 1)  $67 + 3 = 70$   
 $77 + 3 = 80$   
 $87 + 3 = 90$   
 $97 + 3 = 100$

Mēnā e mōhio ana koe ki ngā meka tāpiri mō te 10, he māmā noa iho ngā tau tapeke māmā mō te 20, te 30, te 40 ...

Whakawhitiwhiti kōrero me tō pouako.

- 2)  $8 + 2 = 10$   
 $18 + 2 = 20$   
 $28 + 2 = 30$   
 $38 + 2 = 40$   
 $48 + 2 = 50$   
 $58 + 2 = 60$   
 $68 + 2 = 70$   
 $78 + 2 = 80$   
 $88 + 2 = 90$   
 $98 + 2 = 100$

- 3) Whakawhitiwhiti kōrero me tō pouako.

## Hei Mahi 9

- 1) He rite ngā meka tāpiritanga mō te 100 ki ngā meka tāpiritanga mō te 10. Whakawhitiwhiti kōrero me tō pouako.
- 2) Hei taurira:  $90 + 10 = 100$  or  $20 + 80 = 100$
- 3) ... ngā meka tāpiritanga tau ngahuru mō te 100

## Hei Mahi 10

- 1) Hei taurira:  
 $7 + 3 = 10$   
 $6 + 3 < 10$   
 $8 + 3 > 10$

- 2) Ko te 5 anake te tau e tika ai tēnei tāpiritanga.
- 3) Ko te 2 anake te tau e tika ai tēnei tāpiritanga.
- 4) Ko te 4 anake te tau e tika ai tēnei tāpiritanga.
- 5) Me whakawhitiwhiti kōrero me tō pouako.