Tau ā-Ira
HE RAUTAKI TĀPIRITANGA

Tirohia: Te Poutama Tau Pukapuka 7

E ako ana ahau ki te tāpiri, ki te tango tau ā-ira.

Hei Mahi 1
Hei tauira:
Ka whakamahi a Hohepa i te rautaki 'te wāwāhi uara tū' hei whakaoti i ngā tāpiritanga tau ā-ira nei:

2.7 + 3.09	2.83 + 1.34
Tāpirihia ngā tahi: 2 + 3 = 5	Tāpirihia ngā tahi: 2 + 1 = 3
Tāpirihia ngā hautekau: $\frac{7}{10} + \frac{0}{10} = \frac{7}{10}$	Tāpirihia ngā hautekau: $\frac{8}{10} + \frac{3}{10} = \frac{11}{10} = 1\frac{1}{10}$
Tāpirihia ngā haurau: $\frac{0}{100} + \frac{9}{100} = \frac{9}{100}$	Tāpirihia ngā haurau: $\frac{3}{100} + \frac{4}{100} = \frac{7}{100}$
Hui katoa: $5 + \frac{7}{10} + \frac{9}{100} = 5.79$	Hui katoa: $3 + 1 + \frac{1}{10} + \frac{7}{100} = 4.17$

Ngā tohutohu:
- Whakamahia te rautaki a Hohepa hei whakaoti i ngā tāpiritanga nei. Mēnā he rautaki māmā ake tau hei whakaoti i ētahi o ngā tāpiritanga, me whakamahi ko tērā.
- Whakaaturia ngā hīkoi katoa o te rautaki.

1)	0.4 + 0.13	(2)	1.6 + 2.3	(3)	0.72 + 0.17
4)	2.9 + 0.4	(5)	3.8 + 4.17	(6)	5.3 + 9.59
7)	8.7 + 2.23	(8)	5.12 + 8.67	(9)	3.04 + 5.7
10)	2.51 + 8.2	(11)	2.5 + 2.5	(12)	1.14 + 1.14
13)	3.6 + 2.4	(14)	2.64 + 1.4	(15)	1.9 + 1.3
16)	1.2 + 4.9	(17)	0.8 + 0.2	(18)	4.67 + 3.31
19)	0.4 + 0.51	(20)	1.17 + 3.5		

Hei Mahi 2

1)	□ + 4.6 = 8.9	(2)	7.2 + □ = 11.6	(3)	3.5 + □ = 4.8
4)	8.1 + □ = 19.9	(5)	6.7 + □ = 8.9	(6)	□ + 5.1 = 7.4
7)	□ + 4.25 = 6.45	(8)	9.84 + □ = 10.98	(9)	□ + 2.71 = 5.94
10)	3.64 + □ = 6.78	(11)	□ + 4.15 = 9.36	(12)	□ + 0.11 = 2.76

Hei Mahi 3

1) E $2.45 ngā moni pūkoro a Neitana. Nā tana hoa i hoatu te $1.30 ki a ia. E hia te rahi o ana moni pūkoro ināianei?

2) 1.85 rita te rōrahi waireka i tētahi ipu, ka ringia atu te 0.35 rita ki tētahi kapu. Pēhea nei te rōrahi waireka e toe ana i te ipu?

3) 0.2km te tawhiti o te haere mā raro a Hakipea, kātahi ka haere mā runga pahi mō te 3.63km atu anō. E hia manomita te tawhiti o te katoa o tana haere?

4) $30.50 te pūtea kei te kāri waea pūkoro a Meihana. Ka pau i a ia te $1.40 ki te waea atu ki tana hoa. E hia te rahi o te pūtea e toe mai ana ki tana kāri?

5) I whakaritea e Anita te $180 hei utu i tana hiko mō te marama, engari $173.65 kē te rahi o te nama. E hia te pūtea e toe mai ana i muri i tana utu i te nama hiko nei?

6) Ka pau i a Iritana te $210.00 hei hoko i tētahi pouaka whakaata, me te $185.95 hei hoko pūrere kōpae ataata. Pēhea nei te rahi o te katoa o te pūtea ka pau i a ia?

7) Ka pau i a Hēnare te $3.25 i tētahi toa, me te $0.80 i tētahi. E hia katoa tana whakapaunga moni i ēnei toa e rua nei?

8) Kotahi tau ki muri, 1.45 mita te tāroaroa o Paora. Ināianei ko te 1.68 mita tōna tāroaroa. E hia mita tana tipu i roto i taua tau?

Hei Mahi 4

1) 11.2km te tawhiti o te omaoma a Waiora i te Rātū. I te Rāapa, 50.4km te tawhiti o tana eke pahikara, ā, i te Rāpare e 4.2km te tawhiti o tana kauhoe. Pēhea nei te tawhiti katoa o tana haere?

2) E $5,000 te utu hei hoko mā Manahi i tōna motukā, tāpiri atu ki tēnei ko te $245.30 hei hoko taea hou, me te $512 hei hoko inihua. Hui katoa, e hia te utu o tana waka hou?

3) E toru ngā nama i utua e Tereora, ko te $113.24, tētahi, ko te $21.12 tētahi, ko te $260.00 tētahi. Hui katoa, e hia te utu o ana nama e toru nei?

4) 20.7 mita te roa o tētahi papanga. Ka tapahia te 6.1 mita, te 1.4 mita me te 1.2 mita. Pēhea nei te roa o te papanga e toe mai ana?

5) E $8 te moni a Hakiwai. Ka pau i a ia te $2.30 hei hoko miraka, te $3.15 hei hoko parāoa, me te $2.25 hei hoko tiamu. E hia te rahi o tana pūtea e toe mai ana?

6)   Ko tā tētahi tohutaka e mea ana, me whakaranu ko te 0.45kg huka, te 1.1kg puehu parāoa, me te 0.3kg hua rākau. Pēhea nei te taumaha o tēnei ranunga?

7)   12.37 hākona te rekoata i tētahi kura mō te omanga 100 mita. Ka whati i a Kahurangi te rekoata nei, 0.16 tana tere ake. He aha te rekoata hou?

NGĀ OTINGA

Hei Mahi 1

1) 0.4 + 0.13 = **0.53**   (2) 1.6 + 2.3 = **3.9**   (3) 0.72 + 0.17 = **0.89**

4) 2.9 + 0.4 = **3.3**   (5) 3.8 + 4.17 = **7.97**   (6) 5.3 + 9.59   = **14.89**

7) 8.7 + 2.23   = **10.93**   (8) 5.12 + 8.67=**13.79**   (9) 3.04 + 5.7 = **8.74**

10) 2.51 + 8.2 = **10.71**   **(11) 2.5 + 2.5= 5**   (12) 1.14 + 1.14=**2.28**

13) 3.6+ 2.4 = 6   **(14) 2.64 + 1.4 = 4.04**   **(15) 1.9 + 1.3= 3.2**

16) 1.2 + 4.6 = **6.8**   (17) 0.8+ 0.2 = **1**   (18) 4.67 + 3.31 = **7.98**

19) 0.4 + 0.51 = **0.91**   (20) 1.13 + 3.5 = **4.63**

Hei Mahi 2

1) **4.3** + 4.6 = 8.9   (2) 7.2 + **4.4** = 11.6   (3) 3.5 + **1.3** = 4.8

4) 8.1 + **11.8** = 19.9   (5) 6.7 + **2.1** = 8.9   (6) **2.3** + 5.1 = 7.4

7) **2.2** + 4.25 = 6.45   (8) 9.84 + **1.14** = 10.98   (9) **3.23** + 2.71 = 5.94

10) 3.64 + **3.14** = 6.78   (11) **5.21** + 4.15 = 9.36   (12) **2.65** + 0.11 = 2.76

Hei Mahi 3

1) $3.75   2) 1.6 rita   3) 3.83km

4) $29.10   5) $6.35   6) $595.65

7) $3.75   8) 0.23 mita

Hei Mahi 4

1) 65.8km   2) $5757.30   3) $394.36

4) 12 mita   5) $0.30   6) 1.85kg

7) 12.21 hākona