

Hautanga ā-Ira

E PEKE I TE RĀRANGI TAU (HAURAU)

E ako ana ahau ki te whakamahi i te rārangi tau hei rautaki whakaoti i ngā tāpiritanga pēnei i te $1.93 + \square = 9.14$, me te $2.89 + \square = 10.3$.

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Hei Mahi 1

Hei tauira:

Koia nei te rautaki i whāia e Tiare hei whakaoti i te tāpiritanga $5 + \square = 8.32$:

Ka tāpirihia te 3 ki te 5 i te tuatahi, kia tae atu ki te 8. Ko te tāpiri anō i te 0.32 kia tae atu ki te 8.32. Hui katoa, ko te 3.32 i tāpirihia atu.

Ngā tohutohu:

Whakamahia te rautaki a Tiare hei whakaoti i ngā tāpiritanga e whai ake nei:

- | | | |
|---------------------------|-----------------------------|-----------------------------|
| 1) $6 + \square = 8.55$ | (2) $6 + \square = 9.73$ | (3) $5 + \square = 7.64$ |
| 4) $1 + \square = 5.87$ | (5) $1 + \square = 8.15$ | (6) $2 + \square = 8.93$ |
| 7) $6 + \square = 9.76$ | (8) $2 + \square = 10.52$ | (9) $5 + \square = 7.38$ |
| 10) $7 + \square = 10.18$ | (11) $5 + \square = 7.56$ | (12) $3 + \square = 9.91$ |
| 13) $2 + \square = 8.44$ | (14) $3 + \square = 9.65$ | (15) $9 + \square = 12.67$ |
| 16) $8 + \square = 12.65$ | (17) $10 + \square = 15.83$ | (18) $11 + \square = 14.28$ |

Hei Mahi 2

Hei tauira:

Koia nei te rautaki i whāia e Hinewai hei whakaoti i te tāpiritanga $4.97 + \square = 8.12$:

- Tuatahi, ka tāpirihia te 0.03, kia tae atu ki te 5.00 ($4.97 + 0.03 = 5.00$)
- Tuarua, ka tāpirihia te 3, kia tae atu ki te 8. ($5 + 3 = 8$)
- Tuatoru, ka tāpirihia te 0.12 kia tae atu ki te 8.12 ($8 + 0.12 = 8.12$)
- Hui katoa, ko te $0.03 + 3 + 0.12$ i tāpirihia atu, arā, ko te 3.15.
- Ko te tuhituhi a Hinewai i tana pukapuka: $0.03 + 3 + 0.12 = 3.15$

Ngā tohutohu:

Whakamahia te rautaki a Hinewai hei whakaoti i ngā tāpiritanga e whai ake nei:

- | | | |
|------------------------------|------------------------------|------------------------------|
| 1) $6.93 + \square = 8.51$ | (2) $4.98 + \square = 9.43$ | (3) $5.97 + \square = 7.74$ |
| 4) $2.95 + \square = 5.24$ | (5) $6.98 + \square = 8.35$ | (6) $2.94 + \square = 9.23$ |
| 7) $5.97 + \square = 9.01$ | (8) $8.93 + \square = 10.72$ | (9) $4.96 + \square = 8.62$ |
| 10) $9.99 + \square = 15.48$ | (11) $2.98 + \square = 8.46$ | (12) $5.93 + \square = 9.71$ |

Hei Mahi 3

Hei tauira:

E rua anake ngā hīkoi i te rautaki i whāia e Rangi hei whakaoti i te tāpiritanga $3.98 + \square = 9.3$:

- Tuatahi, ka tāpirihia te 0.02, kia tae atu ki te 4.00 ($3.98 + 0.02 = 4.00$)
- Tuarua, ka tāpirihia te 5.3, kia tae atu ki te 9.3. ($4 + 5.3 = 9.3$)
- Hui katoa, ko te $0.02 + 5.3$ i tāpirihia atu, arā, ko te 5.32.
- Ko te tuhituhi a Rangi i tana pukapuka: $0.02 + 5.3 = 5.32$

Ngā tohutohu:

Whakamahia te rautaki a Rangi hei whakaoti i ngā tāpiritanga e whai ake nei:

- | | | |
|-----------------------------|------------------------------|------------------------------|
| 1) $1.92 + \square = 8.3$ | (2) $7.98 + \square = 10.3$ | (3) $3.97 + \square = 7.2$ |
| 4) $2.93 + \square = 10.2$ | (5) $3.94 + \square = 9.1$ | (6) $11.99 + \square = 18.5$ |
| 7) $14.98 + \square = 19.1$ | (8) $4.95 + \square = 9.2$ | (9) $14.96 + \square = 29.2$ |
| 10) $9.94 + \square = 35.2$ | (11) $2.97 + \square = 18.4$ | (12) $6.98 + \square = 18.1$ |

Hei Mahi 4

Hei tauira:

E rua anake ngā hīkoi i te rautaki i whāia e Haki hei whakaoti i te tāpiritanga $4.97 + \square = 18.45$:

- Tuatahi, ka tāpirihia te 0.03, kia tae atu ki te 5.00 ($4.97 + 0.03 = 5.00$)
- Tuarua, ka tāpirihia te 13.45, kia tae atu ki te 18.45. ($5 + 13.45 = 18.45$)
- Hui katoa, ko te $0.03 + 13.45$ i tāpirihia atu, arā, ko te 13.48.
- Ko te tuhituhi a Haki i tana pukapuka: $0.03 + 13.45 = 13.48$

Ngā tohutohu:

Whakamahia te rautaki a Haki hei whakaoti i ngā tāpiritanga e whai ake nei:

- | | | |
|------------------------------|------------------------------|-------------------------------|
| 1) $1.92 + \square = 7.51$ | (2) $2.98 + \square = 10.55$ | (3) $13.97 + \square = 17.62$ |
| 4) $12.93 + \square = 29.21$ | (5) $3.94 + \square = 29.13$ | (6) $11.99 + \square = 38.56$ |
| 7) $14.98 + \square = 47.14$ | (8) $4.95 + \square = 95.23$ | (9) $14.96 + \square = 85.63$ |

10) $9.94 + \square = 35.32$

(11) $12.97 + \square = 78.54$

(12) $16.98 + \square = 78.87$

Hei Mahi 5

Ngā tohutohu:

He āhua uua tonu ngā tāpiritanga e whai ake nei. Whakaotia i rō hinengaro, engari me tuhi anō ō whiriwhiri ki tō pukapuka, kia kitea ai te rautaki ka whāia e koe.

1) $11.82 + \square = 38.3$

(2) $17.78 + \square = 39.3$

(3) $23.87 + \square = 67.6$

4) $2.73 + \square = 18.2$

(5) $3.84 + \square = 19.1$

(6) $31.79 + \square = 78.5$

7) $14.88 + \square = 39.5$

(8) $4.75 + \square = 96.2$

(9) $14.86 + \square = 58.2$

10) $9.84 + \square = 235.6$

(11) $22.87 + \square = 138.4$

(12) $76.78 + \square = 485.3$

Hei Mahi 6

Ngā tohutohu:

He āhua uua ake anō ngā rapanga nei. Whakaotia i rō hinengaro, engari me tuhi anō ō whiriwhiri ki tō pukapuka, kia kitea ai te rautaki ka whāia e koe.

1) $19.88 + \square = 224.52$

(2) $29.79 + \square = 343.37$

(3) $32.86 + \square = 87.31$

4) $22.89 + \square = 54.26$

(5) $35.88 + \square = 69.44$

(6) $49.85 + \square = 150.42$

7) $59.76 + \square = 192.12$

(8) $99.89 + \square = 259.23$

(9) $50.75 + \square = 89.23$

10) $99.83 + \square = 853.21$

(11) $99.74 + \square = 187.41$

(12) $53.83 + \square = 78.61$

Hei Mahi 7

Ngā tohutohu:

Hei mahi ngahau noa iho ēnei rapanga. Whakaotia i rō hinengaro, engari me tuhi anō ō whiriwhiri ki tō pukapuka, kia kitea ai te rautaki ka whāia e koe.

1) $129.88 + \square = 254.52$

(2) $15.78 + \square = 58.3$

(3) $116.98 + \square = 278.87$

4) $202.97 + \square = 518.2$

(5) $999.89 + \square = 3465.4$

6) $9999.76 + \square = 10\,052.65$

**He Rautaki Hautau
E PEKE I TE RĀRANGI TAU (HAURAU)
NGĀ OTINGA**

Hei Mahi 1

1)	2.55	(2)	3.73	(3)	2.64	(4)	4.87
5)	7.15	(6)	6.93	(7)	3.76	(8)	8.52
9)	2.38	(10)	3.18	(11)	2.56	(12)	6.91
13)	6.44	(14)	6.65	(15)	3.67	(16)	4.65
17)	5.83	(18)	3.28				

Hei Mahi 2

1)	$0.07 + 1 + 0.51 = 1.58$	(2)	$0.02 + 4 + 0.43 = 4.45$
3)	$0.03 + 1 + 0.74 = 1.77$	(4)	$0.05 + 2 + 0.24 = 2.29$
5)	$0.02 + 1 + 0.35 = 1.37$	(6)	$0.06 + 6 + 0.23 = 6.29$
7)	$0.03 + 3 + 0.01 = 3.04$	(8)	$0.07 + 1 + 0.72 = 1.79$
9)	$0.04 + 3 + 0.62 = 3.66$	(10)	$0.01 + 5 + 0.48 = 5.49$
11)	$0.02 + 5 + 0.46 = 5.48$	(12)	$0.07 + 3 + 0.71 = 3.78$

Hei Mahi 3

1)	$0.08 + 6.3 = 6.38$	(2)	$0.02 + 2.3 = 2.32$
3)	$0.03 + 3.2 = 3.23$	(4)	$0.07 + 7.2 = 7.27$
5)	$0.06 + 5.1 = 5.16$	(6)	$0.01 + 6.5 = 6.51$
7)	$0.02 + 4.1 = 4.12$	(8)	$0.05 + 4.2 = 4.25$
9)	$0.04 + 14.2 = 14.24$	(10)	$0.06 + 25.2 = 25.26$
11)	$0.03 + 15.4 = 15.43$	(12)	$0.02 + 11.1 = 11.12$

Hei Mahi 4

1)	$0.08 + 5.51 = 5.59$	(2)	$0.02 + 7.55 = 7.57$
3)	$0.03 + 3.62 = 3.65$	(4)	$0.07 + 16.21 = 16.28$
5)	$0.06 + 25.13 = 25.19$	(6)	$0.01 + 26.56 = 26.57$
7)	$0.02 + 32.14 = 32.16$	(8)	$0.05 + 90.23 = 90.28$
9)	$0.04 + 70.63 = 70.67$	(10)	$0.06 + 25.32 = 25.38$
11)	$0.03 + 65.54 = 65.57$	(12)	$0.02 + 61.87 = 61.89$

Hei Mahi 5

- 1) $0.18 + 26.3 = 26.48$
- 3) $0.13 + 43.6 = 43.73$
- 5) $0.16 + 15.1 = 15.26$
- 7) $0.12 + 24.5 = 24.62$
- 9) $0.12 + 43.2 = 43.34$
- 11) $0.13 + 115.4 = 115.53$

- (2) $0.22 + 21.3 = 21.52$
- (4) $0.27 + 15.2 = 15.47$
- (6) $0.21 + 46.5 = 46.71$
- (8) $0.25 + 91.2 = 91.45$
- (10) $0.16 + 225.6 = 225.76$
- (12) $0.22 + 408.3 = 408.52$

Hei Mahi 6

- 1) $0.12 + 204.52 = 204.64$
- 3) $0.14 + 54.31 = 54.45$
- 5) $0.12 + 33.44 = 33.56$
- 7) $0.24 + 132.12 = 132.36$
- 9) $0.25 + 38.23 = 38.48$
- 11) $0.26 + 87.41 = 87.67$

- (2) $0.21 + 313.37 = 313.58$
- (4) $0.11 + 31.26 = 31.37$
- (6) $0.15 + 100.42 = 100.57$
- (8) $0.11 + 159.23 = 159.34$
- (10) $0.17 + 753.21 = 753.38$
- (12) $0.17 + 24.61 = 24.78$

Hei Mahi 7

- 1) $0.12 + 124.52 = 124.64$
- 3) $0.02 + 161.87 = 161.89$
- 5) $0.11 + 2465.4 = 2465.51$

- (2) $0.22 + 42.3 = 42.52$
- (4) $0.03 + 315.2 = 315.23$
- (6) $0.24 + 52.65 = 52.89$