

Ngā Whāinga Paetae: Te Tau, Taumata 2

Mahere Tau	0	1	2	3	4	5	6	7	8
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2.1 (Mātauranga Tau)

Ka mōhio ki ngā tauoti 0–1,000: te whakaingoa i ngā tohuta; ngā raupapa tatauranga whakamua, whakamuri hoki; ngā tikanga ura tū; te maha o ngā tahi, ngā tekau me ngā rau kei roto i tētahi tau; te rahi me te hanga o tētahi tau; ngā tikanga o te taurua me te taukehe.

2.2 (Mātauranga Tau)

Ka mōhio ki ngā rearua tae atu ki te 20 me ngā haurua e whai pānga ana.

2.4 (Rautaki Tau)

Ka whakaoti rapanga e whai wāhi mai ana te tauoti me te hautau, ka whakamārama hoki i te rautaki: rautaki tata; rautaki whakarōpū; rautaki tohatoha ōrite; rautaki wāwāhi tau tāpiripiri māmā.

2.5 (Rautaki Tau)

Ka mārāma ki te whaitakenga o te otinga o tētahi rapanga.

Ngā Whāinga Paetae: Te Tau, Taumata 3

3.1 (Mātauranga Tau)

Ka mōhio ki ngā meka matua mō te tāpiri, te tango me te whakarea.

3.3 (Mātauranga Tau)

Ka kōwhiri, ka whakamārama i te rautaki e tino whaihua ana hei whakaoti rapanga e whai wāhi mai ana te tauoti, te hautau, te tau ā-ira me te ōrau: rautaki tata; rautaki whakarōpū; rautaki tohatoha ōrite; rautaki tāpiripiri; rautaki whakarea māmā.

Te Mātauranga	Ngā Rauemi e Hāngai ana
Ka whakahuatia te raupapatanga tata whakamua, whakamuri hoki, mawhiti-rua, mawhiti-toru, mawhiti-rima, mawhiti-tekau (0–1,000).	<p><i>TPT, Pukapuka 4:</i></p> <ul style="list-style-type: none"> • Tatauria (wh.6) • Tatau Māwhitiwhiti i te Rārangi Tau (wh.8) • Tātaitai (wh.15) <p><i>He Tau Anō Te Tau: Ngā Tau, Taumata 2-3:</i></p> <ul style="list-style-type: none"> • Ka Pai te Peke Haere (wh.16) <p><i>Ngā Rauemi o te BSM:</i></p> <p>1-3-12, 11-3-13, 11-3-54, 11-3-55, 11-3-85, 12-3-13</p>
Ka whakaputa wawe i ngā rōpū o te 2 kei roto i ngā tau ki te 20; ngā rōpū o te 5 kei roto i ngā tau ki te 50; ngā rōpū o te 10 kei roto i ngā tau ki te 100.	<p><i>TPT, Pukapuka 4:</i></p> <ul style="list-style-type: none"> • Tatau Māwhitiwhiti i te Rārangi Tau (wh.8) • Ararā! (wh.9) • Takirima (wh.76) • Whakawhitia ngā Paparanga Uara Tū (wh.88) <p><i>Ngā Rauemi o te BSM:</i></p> <p>9-1-7, 9-1-8, 9-1-45, 9-1-46, 9-1-83, 9-1-84, 12-1-5, 12-1-44, 12-1-45, 12-1-8</p>
Ka whakaputa wawe i ngā meka whakarea, whakawehe hoki mō te 2, te 5 me te 10.	<p><i>TPT, Pukapuka 4:</i></p> <ul style="list-style-type: none"> • Raupapatanga Meka Matua (wh.111) • Whiriwhiria te Paheko (wh.112) • Whārite Whakareatanga (wh.118)

<p>Ka tuhia he pikitia, he whārite hoki hei whakaatu i ngā whiriwhiringa ā-hinengaro mō ngā rapanga whakarea, whakawehe hoki.</p>	<p><i>He Tau Anō Te Tau: Ngā Meka Matua, Taumata 2-3:</i></p> <ul style="list-style-type: none"> • Kua Pau te Wā (wh.8) • He Rā, He Āporo Anō (wh.9) 	
Ngā Rautaki	Te Panuku o ngā Rapanga	Ngā Rauemi e Hāngai ana
<p>Ka whakaoti rapanga whakarea, mā te tāpiri tāruarua.</p>	<p>$2 \times 6 = \square$, nō reira, $3 \times 6 = \square$</p> <p>$4 \times 5 = \square$, nō reira, $5 \times 5 = \square$, $6 \times 5 = \square$</p> <p>$5 \times 8 = \square$, nō reira, $6 \times 8 = \square$, $7 \times 8 = \square$</p> <p>$10 \times 4 = \square$, nō reira, $11 \times 4 = \square$, $12 \times 4 = \square$</p>	<p><i>TPT, Pukapuka 6:</i></p> <ul style="list-style-type: none"> • Whakareatia ki te Toru (wh.21) • Tūtohi Tukutuku Kararehe (wh.25) <p><i>He Tau Anō Te Tau: Te Tau, Pukapuka Tuatahi, Taumata 2:</i></p> <ul style="list-style-type: none"> • He Wīra, he Waewae (wh.12) • Te Rāhui Poaka (wh.13) <p><i>He Tau Anō Te Tau: Te Tau, Pukapuka Tuarua, Taumata 2:</i></p> <ul style="list-style-type: none"> • Ki te Hokohoko! (wh.16) <p><i>He Tau Anō Te Tau: Ngā Meka Matua, Taumata 2-3:</i></p> <ul style="list-style-type: none"> • He Rā, He Āporo Anō (wh.9) • Piri ki te Huarahi (wh.10) <p><i>He Tau Anō Te Tau: Ngā Meka Matua, Taumata 3:</i></p> <ul style="list-style-type: none"> • Te Tatau Hipi (wh.16)
<p>Ka whakamahia te rautaki 'te rearua me te haurua' hei whakaoti whakareatanga ki te 5.</p>	<p>$2 \times 10 = \square$, nō reira, $4 \times 5 = \square$</p> <p>$4 \times 10 = \square$, nō reira, $8 \times 5 = \square$, $6 \times 5 = \square$</p> <p>$3 \times 10 = \square$, nō reira, $6 \times 5 = \square$, $7 \times 5 = \square$</p> <p>$4 \times 5 = \square$, nō reira, $5 \times 5 = \square$</p> <p>$8 \times 5 = \square$, nō reira, $9 \times 5 = \square$</p>	<p><i>TPT, Pukapuka 6:</i></p> <ul style="list-style-type: none"> • Mā te Rua, mā te Rima, mā te Tekau (wh.35) <p><i>He Tau Anō Te Tau: Te Tau, Pukapuka Tuarua, Taumata 2:</i></p> <ul style="list-style-type: none"> • Whakarea ki te Rua (wh.18)
<p>Ka whakamahia te 'āhuatanga tātai kōaro' hei whakaoti whakareatanga. Hei tauira: $4 \times 6 = 6 \times 4$</p>	<p>$5 \times 6 = \square \rightarrow 6 \times 5 = \square$</p> <p>$9 \times 2 = \square \rightarrow 2 \times 9 = \square$</p> <p>$10 \times 7 = \square \rightarrow 7 \times 10 = \square$</p> <p>$100 \times 6 = \square \rightarrow 6 \times 100 = \square$</p> <p>$50 \times 2 = \square \rightarrow 2 \times 50 = \square$</p>	<p><i>TPT, Pukapuka 6:</i></p> <ul style="list-style-type: none"> • Tūtohi Tukutuku Kararehe (wh.25) • Te Huri Kōaro i te Whakareatanga (wh.58) <p><i>He Tau Anō Te Tau: Ngā Meka Matua, Taumata 3:</i></p> <ul style="list-style-type: none"> • He Tiakarete Tapawhā (wh.10)
<p>Ka whakamahia te rautaki 'tohatoha ōrite' hei whakaoti whakawehenga, me te tāpiritanga hei matapae i te otinga.</p>	<p>$10 \div 2 = \square$, nō reira, $20 \div 4 = \square$</p> <p>$12 \div 2 = \square$, nō reira, $12 \div 4 = \square$</p> <p>$16 \div 2 = \square$, nō reira, $16 \div 4 = \square$, $16 \div 8 = \square$</p> <p>$100 \div 2 = \square$, nō reira, $100 \div 4 = \square$</p>	<p><i>TPT, Pukapuka 6:</i></p> <ul style="list-style-type: none"> • Tohaina kia Ōrite (wh.29) <p><i>He Tau Anō Te Tau: Te Tau, Pukapuka Tuarua, Taumata 2:</i></p> <ul style="list-style-type: none"> • Ngā Moko Tuauri (wh.19)

<p>Ka whakaoti rapanga whakawehe mā te hanga rōpū ōrite.</p>	<p> $2 \times \square = 20$, nō reira, $4 \times \square = 20$ $10 \times \square = 30$, nō reira, $5 \times \square = 30$ $2 \times \square = 16$, nō reira, $4 \times \square = 16$ $5 \times \square = 30$, nō reira, $5 \times \square = 60$ $4 \times \square = 16$, nō reira, $8 \times \square = 16$ $4 \times \square = 12$, nō reira, $4 \times \square = 24$ </p>	<p> <i>TPT, Pukapuka 6:</i> <ul style="list-style-type: none"> • Poraka Honohono (wh.32) <i>He Tau Anō Te Tau: Te Tau, Pukapuka Tuarua, Taumata 2:</i> <ul style="list-style-type: none"> • Ngā Moko Tuauri (wh.19) </p>
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