

TE POUTAMA PAKŌ! O TE PĀNGARAU

HE PUKANGOHE HEI TAUTOKO I
TE REO MATATINI O TE PĀNGARAU



He Mihi

Ko ngā whakamiha ka rere arorangi atu ki a Hunu-a-rau ki uta, ki a Hunu-a-rau ki tai. Nā koutou te mātuka i hiki ake, i kawē atu kia hua mai ai tēnei rourou kaimārō hei whāngai atu ki ā tātou tamariki mokopuna Māori puta noa i te motu. Me kore ake koutou.

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Kua noho manatā tēnei pukapuka. Atu i ngā take pēnei i ngā akoranga whaiaro, te rangahau, te arotake me te arohaehae mahi i raro i te Ture Manatā, kore rawa e tukuna kia tāia anō tētahi wāhanga o te pukapuka nei, ahakoa te huarahi tā. Me tono whakaae rawa i te hunga nāna te manatā.



Te Poutama Pakō o te Pāngarau

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Hōhepa te Pūru

**HE PUNA KUPU
HE PUNA WHAKAMĀRAMA**

... aonga ake
o te rā

te rā whai iho

Tatau

te kaute

Mawhiti
tekau

te tatau ā-tekau

Whakataki

tīmata

Tūtohi

He anga, he tēpu hei wāhi tuhi i ngā
raraunga



Hōhepa te Pūru

TE WHAKARŌPŪ I TE PUNA KUPU

Te Ngohe Tuatahi

Āta pānuihia te puka tautoko, Hōhepa te Pūru. Tuhia mai ngā kupu e tauhou ana ki a koe. Tērā pea ka kōrero atu ki tō whānau kia whai māramatanga mō ēnei kupu, ka tiro rānei ki ngā rauemi tuihono. Whakarōpūhia ngā kupu e whai ake nei ki tōna kete. Kua oti kē te kupu tuatahi o ia kete te whakarōpū.

Hui katoa

Kia hia



Tapeke

Iti ake



Anō

Hui katoa



Hōhepa te Pūru

ME TĀPIRI, ME TANGO

RĀNEI? *Te Ngohe Tuarua*

Whakamahia ngā kupu o te Ngohe 1 hei āwhina i a koe. Mō ia pātai, tohua mai te 'tāpiri', te 'tango' rānei.

1) $5 + 7 =$

tāpiri / tango

2) $10 - 8 =$

tāpiri / tango

3) $20 \text{ _____ } \text{te } 5 = 25$

tāpirihia / tangohia

4) $40 \text{ _____ } \text{te } 11 = 29$

tāpirihia / tangohia

5) E 6 ngā wā i tangi te rakiraki, ka 4 anō ngā wā. Hui katoa, e 10 ngā wā i tangi te rakiraki. Kua tāpirihia, kua tangohia rānei?

tāpirihia / tangohia

6) I tūtakina e Hōhepa te Pūru ki ngā kararehe e whā i te ata, ka tūtakina e rua anō i te ahiahi. Hui katoa, e ono ngā kararehe i tūtakina atu e ia. He rapanga tāpiri, he rapanga tango rānei tēnei?

tāpiri / tango

Hōhepa te Pūru

WHAKARUNGA, WHAKARARO ME NGĀ TEKAU

Te Ngohe Tuatoru



Kei ngā pātai e whai ake nei ka tāpirihia, ka tangohia rānei mā te mawhiti tekau. Tirohia ngā pikitia hei āwhina i a koe.

10

20

30

40

50

60

70

80

90

100

110

120

1) Tuatahi rā, whāia te tauira ā-tau nei hei whakaoti i te tauira, mā te tatau mawhiti tekau.

10

20

--

40

50

60

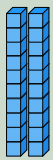
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80

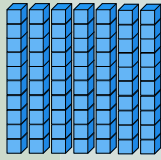
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100

2)



+

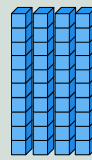


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20

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3)



-

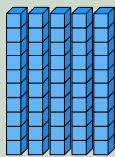


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40

10

4)



+

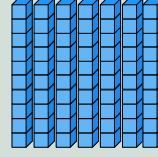


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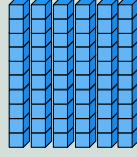
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30

5)



-



=

70

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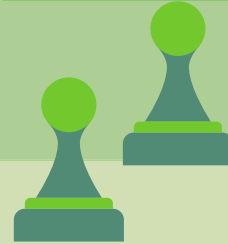
Hōhepa te Pūru

PAI TŪ, PAI HINGA

Te Ngohe Tuawhā

Mō tēnei ngohe e hiahiatia ana kia:

- Rua (2x) ngā mataono
- Tokorua (2x) ngā kaitākaro



Anei ngā tikanga o te kēmu:

1) Mā te pōtiki te kēmu e whakataki mā te pīrori i ngā mataono e rua, ā, ka tāpirihia ngā tau e rua o te mataono.

Hei tauira: Ki te pīrori i te 4 me te 5, ko te 9 te whakautu.

Tuhia mai te tau 9 ki tūtohi ki raro iho nei.

2) Ka whai atu ko te kaitākaro tuarua.

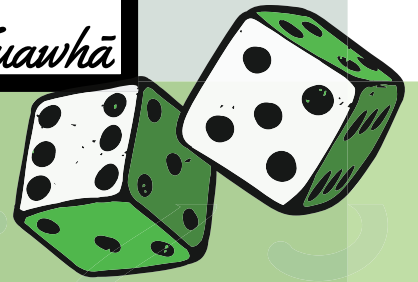
3) Ko te tangata ka riro i a ia te tapeke nui rawa hei te mutunga o ngā pīroritanga 10, te toa.



Hōhepa te Pūru

PAI TŪ, PAI HINGA

Te Ngohe Tuawhā



Anei tētahi tūtohi hei tuhi mai i ō whakautu:

Ko wai ka hua, ko wai ka tohu?!

Pīroritanga	Kaitākaro 1	Kaitākaro 2
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Te Tapeke

Ka Ānini Tōku Māhunga

HE PUNA KUPU HE PUNA WHAKAMĀRAMA

Haurua	Tētahi o ngā wāhanga ōrite e rua e kotahi ai tētahi mea
Tūtahi	te katoa o tētahi mea, kāore i wāwāhi, i noho wehe rānei tētahi wāhanga ōna
Whakawehe	Ka mahi kia noho wehe tētahi tau i tētahi atu
Tohatoha	Tuari, tuku ki tangata kē atu, ki mahi kē atu rānei
Rearua	Ka mahi kia tāparatia te tau ka whakareatia
Hautau	Tētahi, ētahi rānei o ngā wāhanga ōrite o tētahi inenga, tētahi huinga, tētahi āhua rānei
Wehenga ōrite	Ka mahi kia wehe tētahi tau i tētahi atu tau, kāore e paku rerekē ake tētahi wehenga i tētahi atu
Huapae	He takotoranga whakapae, ko te taha roa e anganui mai ana
Poutū	e tū mārō ana, e tika ana te toro whakarunga e tū torotika ana, kāore i paku tītaha

Ka Ānini Tōku Māhunga

TE RAPU I TE PUNA KUPU

Te Naohe Tuarima



Āta pānuhia te puka tautoko, Ka Ānini Tōku Māhunga.

Tuhia mai ngā kupu e tauhou ana ki a koe ka rapua ai ōna whakamārama i tō whānau, i te ipurangi rānei.

Kimihia ngā kupu kua tohua ki te panga kimi kupu nei:

T	R	K	P	T	W	R	P	P	Ō	I	U	T	A	E	R	Ū
Ō	R	U	E	O	Ū	P	K	K	N	H	Ō	U	W	T	I	A
K	H	T	G	R	H	N	U	W	U	R	Ō	T	T	I	E	E
E	E	A	U	I	I	N	W	G	Ō	R	I	H	O	R	U	R
A	U	I	H	A	O	H	I	R	T	O	G	A	Ō	Ō	E	A
P	T	Ū	H	A	U	T	A	U	W	H	H	H	E	A	K	N
A	W	H	E	Ō	G	W	G	R	W	O	W	A	R	G	Ō	U
U	H	I	P	P	P	U	T	N	T	G	U	U	I	N	N	O
H	A	I	R	K	A	O	K	A	N	P	A	R	T	E	G	N
I	K	E	U	T	K	P	H	Ū	U	U	W	U	T	H	N	Ō
O	A	Ō	I	K	Ō	O	T	T	T	G	H	A	R	E	O	H
H	W	G	W	H	T	U	N	I	A	Ū	P	P	N	W	Ū	K
Ū	E	I	N	R	O	U	O	N	Ū	A	Ō	G	Ū	O	E	P
O	H	N	K	P	P	H	H	N	I	R	I	O	G	P	H	T
G	E	K	A	P	H	A	I	H	Ū	W	N	N	P	R	R	O
N	Ū	G	G	Ū	N	T	Ō	N	A	Ō	U	Ū	G	E	U	Ō
Ū	Ō	E	R	H	A	H	K	N	A	A	I	H	A	T	Ū	T

Puna Kupu

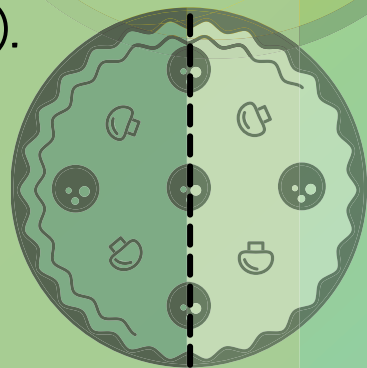
Poutū	Huapae	Wehenga ōrite
Hautau	Rearua	Whakawehe
Tohatoha	Tūtahi	Haurua

Ka Ānini Tōku Māhunga

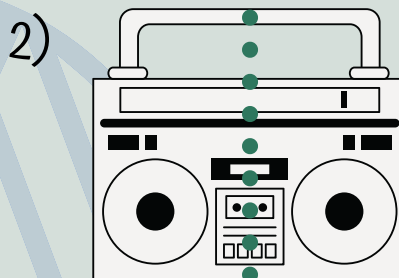
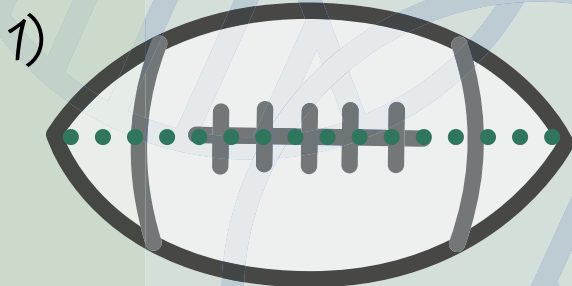
MAI I TE TŪTAHI KI TE HAURUA

Te Ngohē Tuaono

Ko te tikanga o te 'haurua', ko te kotahi (1) i te rua ($\frac{1}{2}$).
Ko te haurua tētahi wāhanga kotahi o tētahi tūtahi.
Hei tauira: Ko te haurua ($\frac{1}{2}$) tētahi o ngā wāhanga kua hauruatia ki ngā wāhanga ōrite e rua. Kua kaurukuhia tētahi haurua o te parehe.

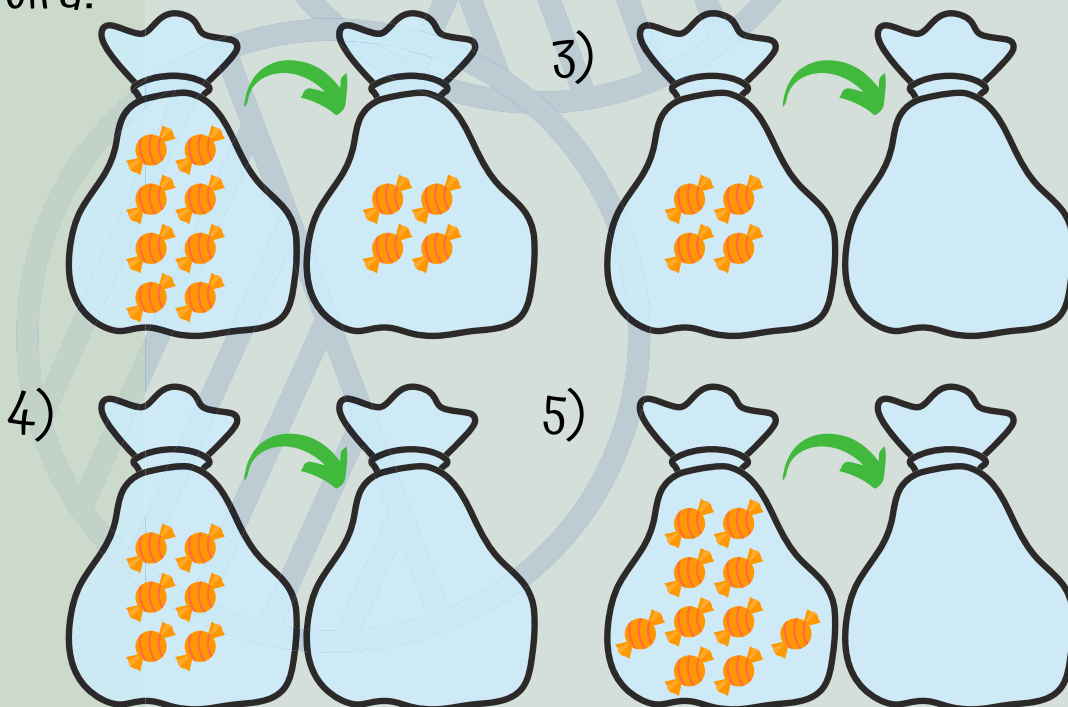


Kaurukuhia tētahi haurua o ngā pikitia e whai ake nei:



Nā, me āwhina mai ki te whakawehe i ēnei huinga rare, ki te tohatoha ki ngā haurua ōrite.

Hei tauira:



Ka Ānini Tōku Māhunga

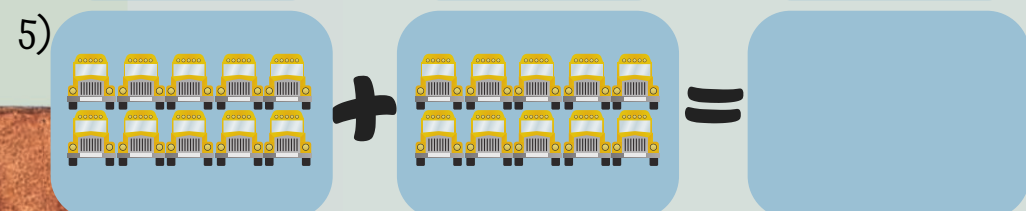
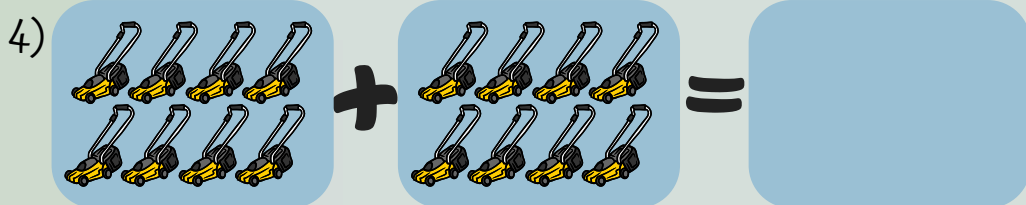
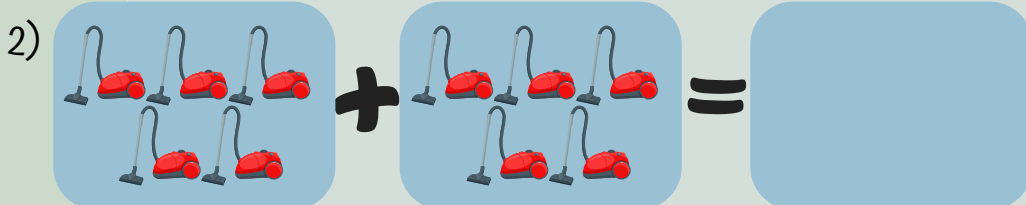
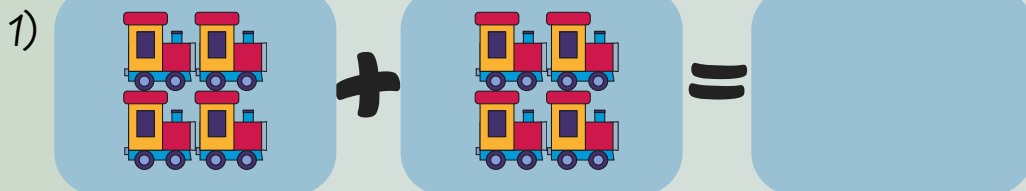
TE REARUATANGA

Te Ngohe Tuawhitu

Arā kē noa atu ngā āhuatanga turituri i te pūrākau.

Ka 'rearua' tātou i ēnei pikitia mā te tā me te tārua i te maha o ngā rawa i ngā pouaka ki raro iho nei, kātahi ka tuhi i te tapeke o ngā rawa turituri.

Hei tauira:



Ka Ānini Tōku Māhunga

TE KĒMU REARUA & HAURUA

Te Ngāhe Tuawaru

Kua eke te wā ki te whakawai i ngā pūkenga haurua me te rearua. Mātua rā, tapahia ngā kāri i te whārangi e whai ake nei, kia tīmata ai ki te tākaro.

Ngā tikanga o te kēmu:

1) Mehemea kei te tākaro takitahi, whakatakotohia ngā kāri kia kite ai koe i ngā kāri katoa, kātahi ka 'tūhono' atu te tau o te kāri ki tōna rearua, ki tōna haurua rānei. Ka taea e koe ngā kāri te whakatakoto kia huapae, kia poutū rānei.

Hei tauira, ka tūhono atu te 4 ki te 8, ki te 2 rānei.

2) Mō ngā kaitākaro tokorua, me tohatoha ōrite ngā kāri engari me noho muna ngā kāri. Me tīmata te pōtiki i te kēmu mā te whakatakoto i tētahi kāri, ā, nō te kaitākaro tuarua te mana ki te tūhono i tētahi o āna kāri. Ki te kore e taea e ia te tūhono kāri, ka hoki anō te mana ki te kaitākaro tuatahi. Ko te tuatahi ki te whakatakoto i āna kāri katoa, te toa.



Ka Ānini Tōku Māhunga

TE KĒMU REARUA & HAURUA

Te Ngohē Tuawaru

10	2
----	---

4	3
---	---

8	1
---	---

5	6
---	---

2	12
---	----

1	14
---	----

7	2
---	---

16	4
----	---

20	8
----	---

6	10
---	----

5	4
---	---

8	20
---	----



*Kua āta waiho i tēnei whārangi kia wātea nā
runga anō i te momo ngohe i mua rā.*

Kei whea a Māmā?

**HE PUNA KUPU
HE PUNA WHAKAMĀRAMA**

Whakaraupapa

Kua āta whakanohoia mai ētahi mea kia rite
ai te whai mai a tētahi i tētahi

Tatau

te kaute

Mawhiti
tekau

te tatau ā-tekau

Whakataki

tīmata

Tūtohi

He anga, he tēpu hei wāhi tuhi i ngā
raraunga

Kei whea a Māmā?

MAI TE ITI KI TE NUI

Te Ngohē Tuaiwa



Āta pānuhia te puka tautoko, Kei whea a Māmā.

Tuhia mai ngā kupu e tauhou ana ki a koe. Tērā pea ka kōrero atu ki tō whānau kia whai māramatanga mō ēnei kupu, ka tiro rānei ki ngā rauemi tuihono.

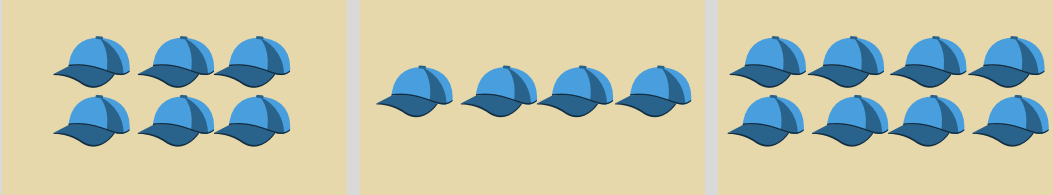
He mea nui kia mōhio ki te whakaraupapa tau, ki te tautohu hoki ko ēhea tau ngā tau nui ake.

Mō ēnei pātai, tautohua mai mā te tā porowhita, ko tēhea o ēnei kohinga te tau nui ake. Whakamahia te rārangi tau hei āwhina i a koe

1)



2)



3)



Mō ēnei pātai, me whakaraupapa koe i ngā tau mai i te iti ki te nui.

4)

20

7

14

5

Whakautu:

5)

7

4

14

11

Whakautu:

Kei whea a Māmā?

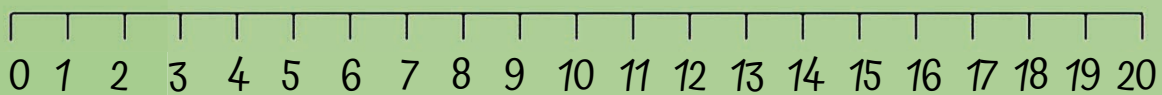
MAI TE ITI KI TE NUI

Te Ngāhe Tuaiwa



Āta pānuhia te puka tautoko, Kei whea a Māmā. Tuhia mai ngā kupu e tauhou ana ki a koe. Tērā pea ka kōrero atu ki tō whānau kia whai māramatanga mō ēnei kupu, ka tiro rānei ki ngā ravemi tuihono.

He mea nui kia mōhio ki te whakaraupapa tau, ki te tautohu hoki ko ēhea tau ngā tau nui ake. Mō ēnei pātai, tautohua mai mā te tā porowhita, ko tēhea o ēnei kohinga te tau nui ake. Whakamahia te rārangi tau hei āwhina i a koe.



Mō ngā pātai e rua nei, tautohua te tau nui rawa:

1)			
2)			
3)			

Mō ēnei pātai, me whakaraupapa koe i ngā tau mai i te iti ki te nui.

4)	20	7	14	5
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Whakautu:

5)	7	4	14	11
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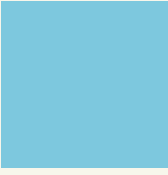









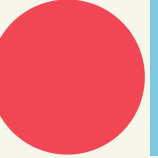
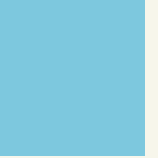








Whakautu:

Kei whea a Māmā?







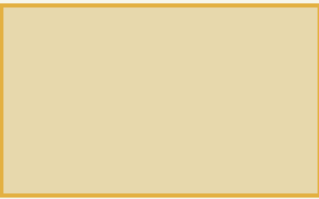






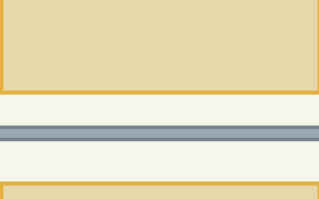









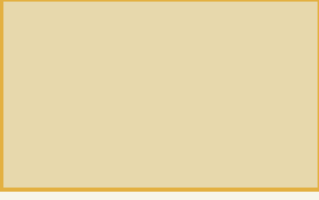
KIMIHIA TE PIKITIA E NGARO ANA

Te Ngohe Tekau

Ko tēnei mea te tauira, he takotoranga tāruarua i ngā tau, ngā āhua me ngā kano. Pērā i te tama o te pūrākau, e ngana ana ia ki te kimi i tōna Māmā, me kimi e koe te tauira tāruarua. He aha ka whai mai?

E tipu ana ngā āhua e whai ake nei. Tāngia te tupuranga o ia tauira.

1

2

3

*Kei whea a Māmā?***KIMIHI A Ō AKE TAUIRA***Te Ngohe Tekau mā tahi*

Whakaotia ēnei tauira mā te whakamahi tau, mā te whakamārama hoki e ahatia ana te tauira.

Kua oti kē te tuatahi māu.

1) **2** **4** **6** **8** **10** **12** **14** **16**

E ahatia ana tēnei tauira? E tāpirihia ana te 2 ki te tau o mua ake.

2) **19** **20** **21** **22** **23** **24**

E ahatia ana tēnei tauira? _____

3) **20** **19** **18** **17** **16** **15**

E ahatia ana tēnei tauira? _____

4) **30** **40** **50** **60** **70** **80**

E ahatia ana tēnei tauira? _____

5) **50** **45** **40** **35** **30** **25**

E ahatia ana tēnei tauira? _____

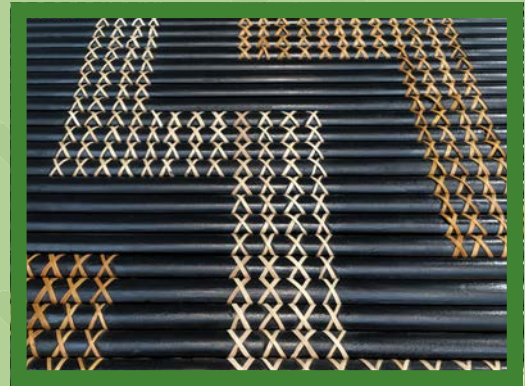
Kei whea a Māmā?

NGĀ TAUIRA TUKUTUKU

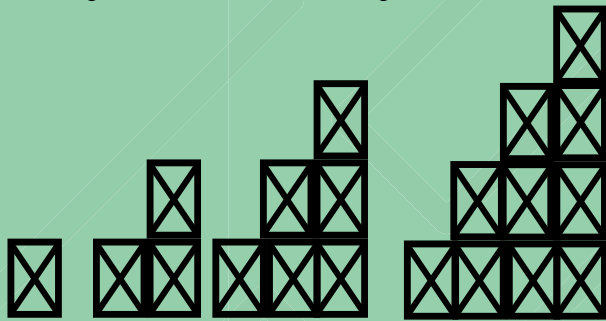
Te Ngohe Tekau mā rua

Ka hangaia te tukutuku mā te tuitui i ngā tauira kōwhiti.

Hei tauira:



Tāngia te tupuranga o te poutama ki raro iho nei:



Kua eke te wā ki te hanga i tō ake tukutuku!

Whakamahia te pepa tukutuku ki raro iho hei hanga i tō ake tukutuku.

Ka taea hoki te haere atu ki tēnei pae tukutuku ki te kimi whakaaro:

<https://teara.govt.nz/en/interactive/43489/types-of-tukutuku-designs>

E rua ngā kōwhiringa - Ka:

1) Hangaia tētahi tauira tukutuku ka nui haere pērā i ngā arapiki ki runga rā; māna, ka

2) Hangaia tētahi tauira tukutuku nui rawa.

Ngā Pipi a Hōiho

**HE PUNA KUPU
HE PUNA WHAKAMĀRAMA**

He rite tonu...

ka mahia tonutia, ka auau tonu te mahia

Tūtohi

He anga, he tēpu hei wāhi tuhi i ngā
raraunga

Kauwhata

he momo hoahoa e whakaatu ana i te
hononga i waenganui i ētahi taurangi

Kōwhiri

ka āta tohu i tētahi mea, i ētahi mea rānei
o roto i tētahi huinga

Kano

tae, kara

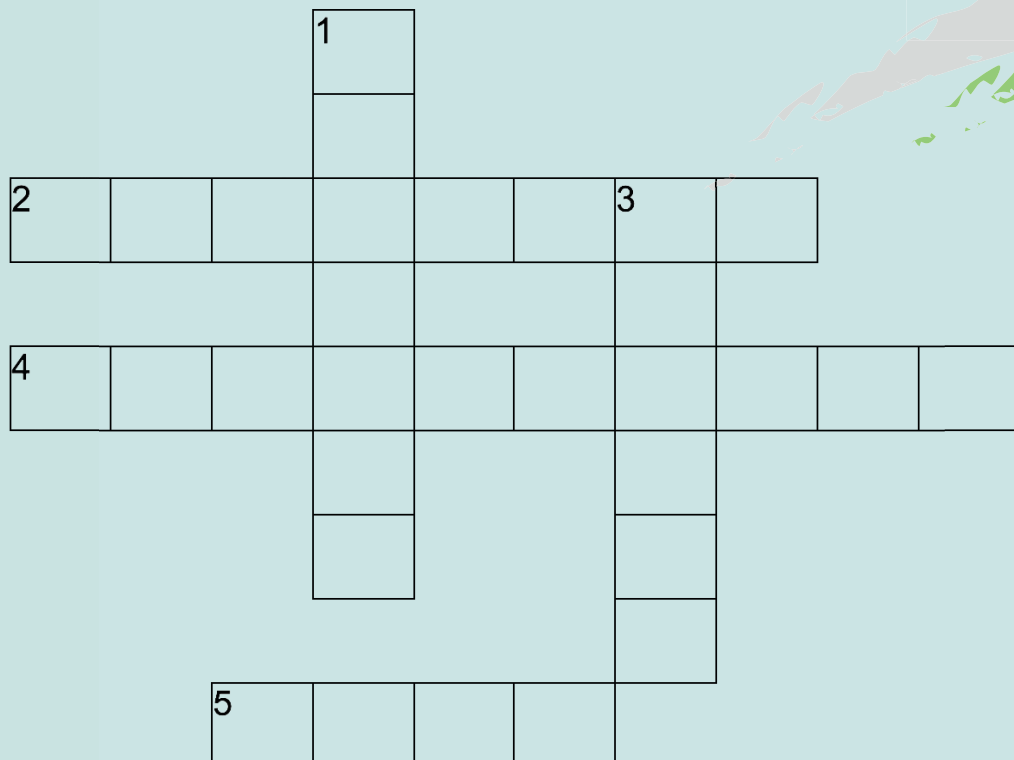
Ngā Pipī a Hōiho

TE WHAKARŌPŪ I TE PUNA

KUPU Te Ngohē Tekau mā toru



Āta pānuīhia te puka tautoko, Ngā pipī a Hōiho. Tuhia mai ngā kupu e tauhou ana ki a koe. Tērā pea ka kōrero atu ki tō whānau kia whai māramatanga mō ēnei kupu, ka tiro rānei ki ngā rauemi tuihono. Whakaotihia te panga ki raro iho nei.



Whakapae	Whakaheke
2. He momo hoahoa e whakaatu ana i te hononga i waenga i ētahi taurangi	1. Ka āta tohu i tētahi mea, i ētahi mea rānei o roto i t'wtahi huinga
4. Ka mahia tonutia, ka auau tonu te mahia	3. He anga, he tēpu hei wāhi tuhi i ngā raraunga
5. He kupu anō mō te 'tae', mō te 'kara'	

Te Puna Kupu	
He rite tonu	Tūtohi
Kauwhata	Kōwhiri
Kano	

Ngā Pipi a Hōiho

E HIA NGĀ IKA?

Te Ngohe Tekau mā whā

I te pūrākau nei, he rite tonu te hiakai a ngā pipi. I ia rā, me mau i a Hōiho ngā ika mā rātou. E whakaatu ana tēnei tūtohi i te maha o ngā ika i mau i ia rā, mai i te Mane ki te Paraire.

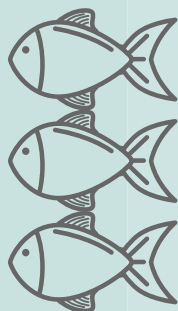
Te Rā	Te maha o ngā ika
Mane	3
Tūrei	4
Wenerei	5
Tāite	2
Paraire	4

Whakaotia te kauwhata pikitia ki raro iho nei hei whakaatu i te maha o ngā ika i mau i ia rā. Kua oti kē te maha o ngā ika i mau i te Rāhina.



1 ika

Te maha o ngā ika i mau i ia rā



Ngā Pipi a Hōiho

TE HĪNGA IKA NUI RAWA

Te Ngohe Tekau mā rima

Kei te kimi tātou i tēhea rā mau ai te maha rawa o ngā ika mā te whakamahi i te tūtohi i te ngohe 14. Ka taea rānei e koe te tiro atu ki te kauwhata pikitia. Anei ngā pātai:

Te Rā	Te maha o ngā ika
Mane	3
Tūrei	4
Wenerei	5
Tāite	2
Paraire	4

1) Ko tēhea te rā he maha rawa ngā ika i mau i a Hōiho?

Te whakautu:

Ko te _____ te rā i maha rawa ngā ika i mau i a Hōiho.

2) Ko tēhea te rā he iti rawa ngā ika i mau i a Hōiho?

Te whakautu:

Ko te _____ te rā i iti rawa ngā ika i mau i a Hōiho.

Ngā Pipi a Hōiho

THE BIGGEST CATCH

Te Ngohe Tekau mā rima

Te Rā	Te maha o ngā ika
Mane	3
Tūrei	4
Wenerei	5
Tāite	2
Paraire	4

3) Ko ēhea rā i ōrite te maha o ngā ika i mau?

Te whakautu:

Ko te _____ me te _____ ngā rā i ōrite ngā ika i mau.

4) Hui katoa, e hia ngā ika i mau i a Hōiho mai i te Mane ki te Paraire?

Te whakautu:

Hui katoa, e _____ ngā ika i mau i a Hōiho mai i te Mane ki te Paraire.

5) I te Mane, e toru ngā ika i mau. E hia anō ngā ika i mau i a Hōiho i te Wenerei?

Te whakautu:

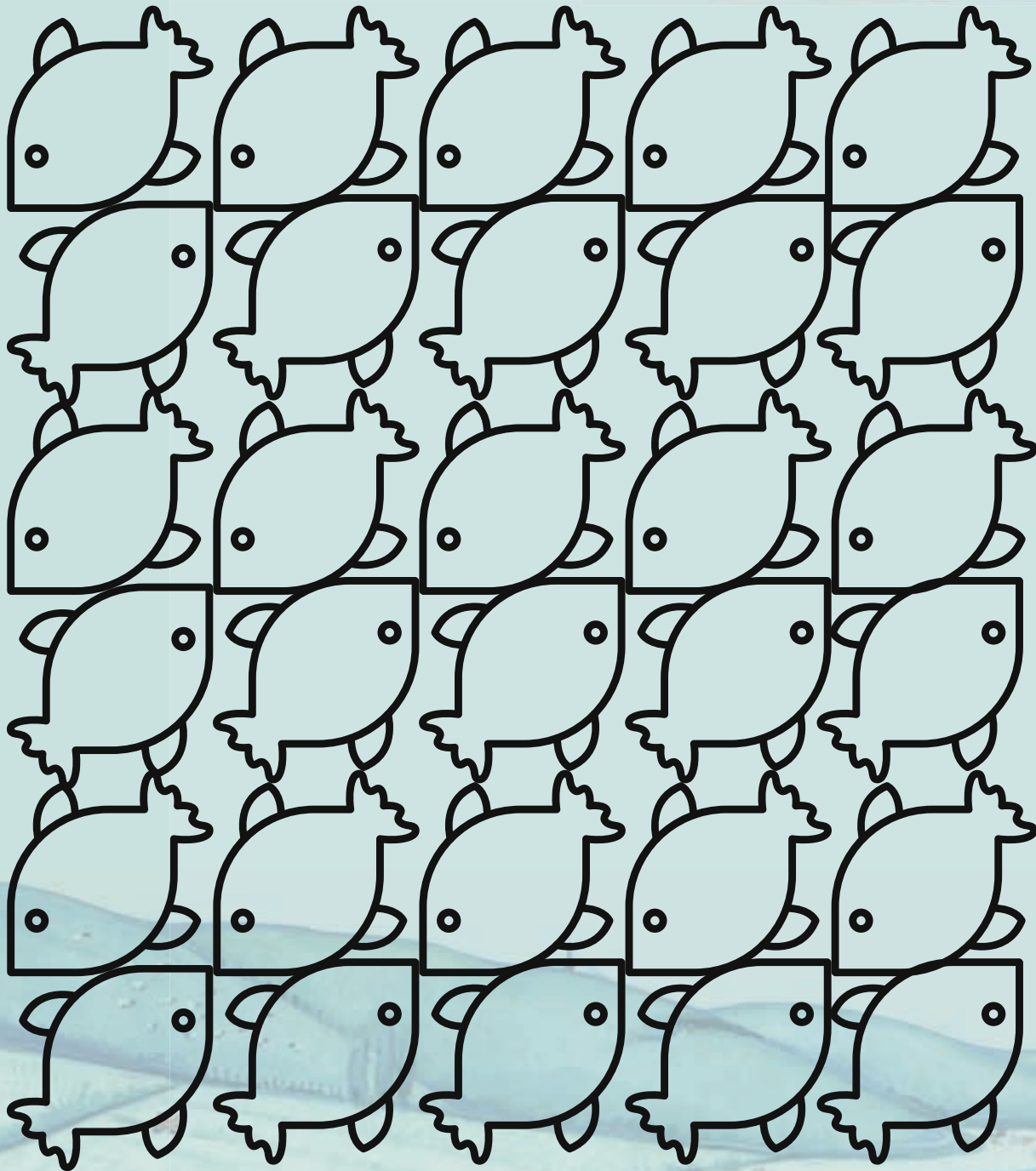
E _____ anō ngā ika i mau i a Hōiho i te Wenerei.

Ngā Pipi a Hōiho

TE KAURUKU IKA

Te Ngohe Tekau mā ono

Ki konei koe kōwhiri ai kia 2 ki te 5 ngā kano rerekē hei kauruku i te tauira ika ki raro nei. Ka oti ana i a koe, kimihia nga tauira. He aha tāu e kite nei?



Te Parāoa Reka a Mererangi
HE PUNA KUPU
HE PUNA WHAKAMĀRAMA

Tunu	Ka mahi kia whakarite i tētahi kai, i ētahi kai rānei kia māoa
Karamumano	mirikaramu
Manokaramu	kirokaramu
Waeine	he wāhanga ine e whakaatia whānuitia ana hei whakatau i te rahi o tētahi mea
Moroiti	he tino iti te āhua, te rahi rānei
Rehu tote	tētahi maramara tote tino iti rawa atu
Huarākau	he hua ka tupu ki te rākau, ka kainga
Taumaha	He uaua tonu ki te hāpai ake, ki te neke rānei
Pārongo	he kōrero e pā ana ki tētahi āhutatanga kua pā, ka tukua, ka kitea rānei
Pūkenga	te mātauranga me ērā atu āhutatanga e taea ana te ako e tutuki pai ai i te tangata tētahi mahi
Kai whakauru	he rārangi kai ka noho hei tūāpapa ki tētahi atu kai ka tunua
Waitae kai	ko ngā momo wai ka karakarahia i te kai, kia whakarākei ai, kia rerekē ai te tae o te kai
rau(-a) atu	ka whakaemi atu ki tētahi atu hanga
Oko	he taputapu pupuri wai, pupuri kai rānei
Kōrori	ka mahi kia hurihuri tētahi taputpu i roto i tētahi ranunga, hei whakahanumi. Ko te 'mikirapu' te kupu ka kaha whakamahia.
Ranu	he āhua i runga i te āta whai kia pērā te āhua, te hanga rānei
māori	he āhua kāore i waihangatia mai, kāore hoki i rāweketia e te ringa tangata kia rerekē te hanga

Te Parāoa Reka a Mererangi

TŪHONOTIA TE PIKITIA

Te Ngohe Tekau mā whitu

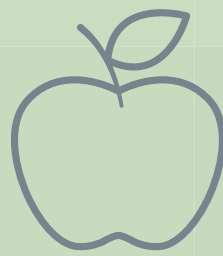
Āta pānuihia te puka tautoko, Te Parāoa Reka a Mererangi. Tuhia mai ngā kupu e tauhou ana ki a koe.

I whakamahi a Mererangi i te ine hei āwhina i a ia ki tunu i tāna parāoa. Ko te karamumano, te karamu me te manokaramu ngā waeine rerekē hei ine i te taumahatanga.

Ko te karamumano te waeine hei ine i ngā mea moroiti pēnei i te rehu tote.



Ko te karamu te waeine hei ine i ngā mea pērā i tētahi hua rākau, te puehu parāoa rānei mō te tunumanga.



Ko te manokaramu te waeine hei ine i ngā mea āhua taumaha ake pērā i tētahi pēke rīwai nui, i te tangata rānei.

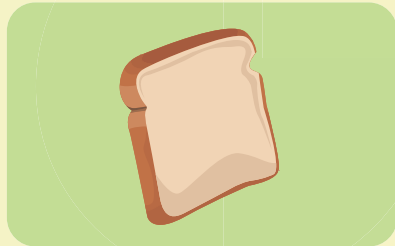
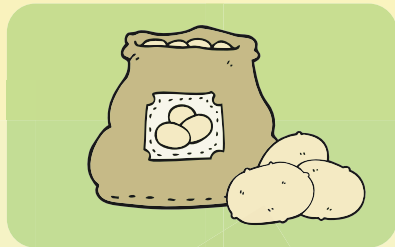
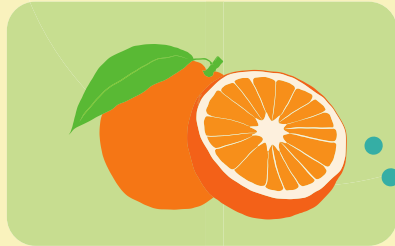


Te Parāoa Reka a Mererangi

MATCH THE PICTURE

Te Ngohe Tekau mā whitu

Tūhonotia ngā pikitia ki te waeine e tika ana.



manokaramu

karamumano

manokaramu

karamu

karamu

Te Parāoa Reka a Mererangi
HE AHA TE TAPUTAPU PAI?
Te Ngohe Tekau mā waru

Ka whakamahia e Mererangi ngā taputapu ine hei tunu i tāna parāoa. I whakamahia e ia tētahi kapu, tētahi tēpu pūnu me tētahi tīpūnu.

Ka tunu kai ana tātou, ko te karamu te waeine tika hei whakamahi mā tātou. I whakamahia e Mererangi te 1 kapu o te puehu parāoa. E ōrite ana tēnei rahi ki te 150 karamu. Hei tauira:

- 1 te kapu puehu parāoa = 150 karamu
- 1 te tīpūnu tote = 5 karamumano.

Whakamahia ēnei pārongo hei āwhina i a koe ki te tautohu mai mehemea kei te tika, kei te teka rānei ngā rerenga e whai ake nei.



E 2 ngā kapu
puehu parāoa
= 150 karamu

tika/teka



1 te tīpūnu
tote
= 10 karamu

tika/teka



1 te kapu
puehu parāoa
= 150 karamu

tika/teka



3 ngā tīpūnu
tote
= 20 karamu

tika/teka



E 2 ngā kapu
puehu parāoa
= 300 karamu

tika/teka

Te Parāoa Reka a Mererangi

TE WAEINE TIKA RAWA

Te Ngohe Tekau mā iwa



I te pūrākau nei, ka tunua e Mererangi tētahi ika ki te parāoa. Whakamahia ngā pūkenga kua akona e koe mai i ngā ngohe ō mua, ka whakatau tata ai te taumaha o ia kai whakauru. Kātahi, ka tautohua te whakautu e tika ana mō ngā pātai e whai ake nei.

1) He aha te waeine e tika ana hei ine i te puehu parāoa?

karamumano

karamu

manokaramu

2) He aha te waeine e tika ana hei ine i tētahi pēke aniana nui?

karamumano

karamu

manokaramu

3) He aha te taumahatanga o tētahi kapu puehu parāoa?

150mg

150g

1kg

5g

4) He aha te taumahatanga o tētahi tipūnu tote?

150mg

5g

5kg

50mg

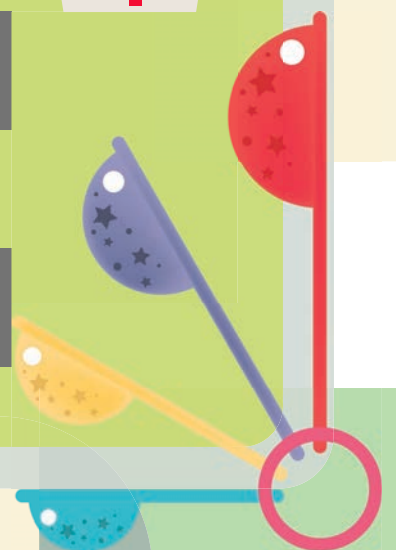
5) He aha te taumahatanga o tētahi rewana?

7mg

700g

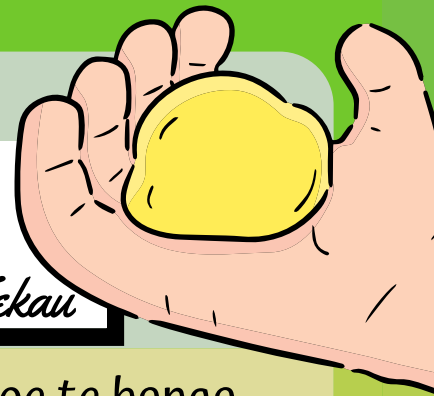
7kg

2kg



Te Parāoa Reka a Mererangi
TE HANGA PARĀOA

POKEPOKE *Te Ngohē Rua Tekau*



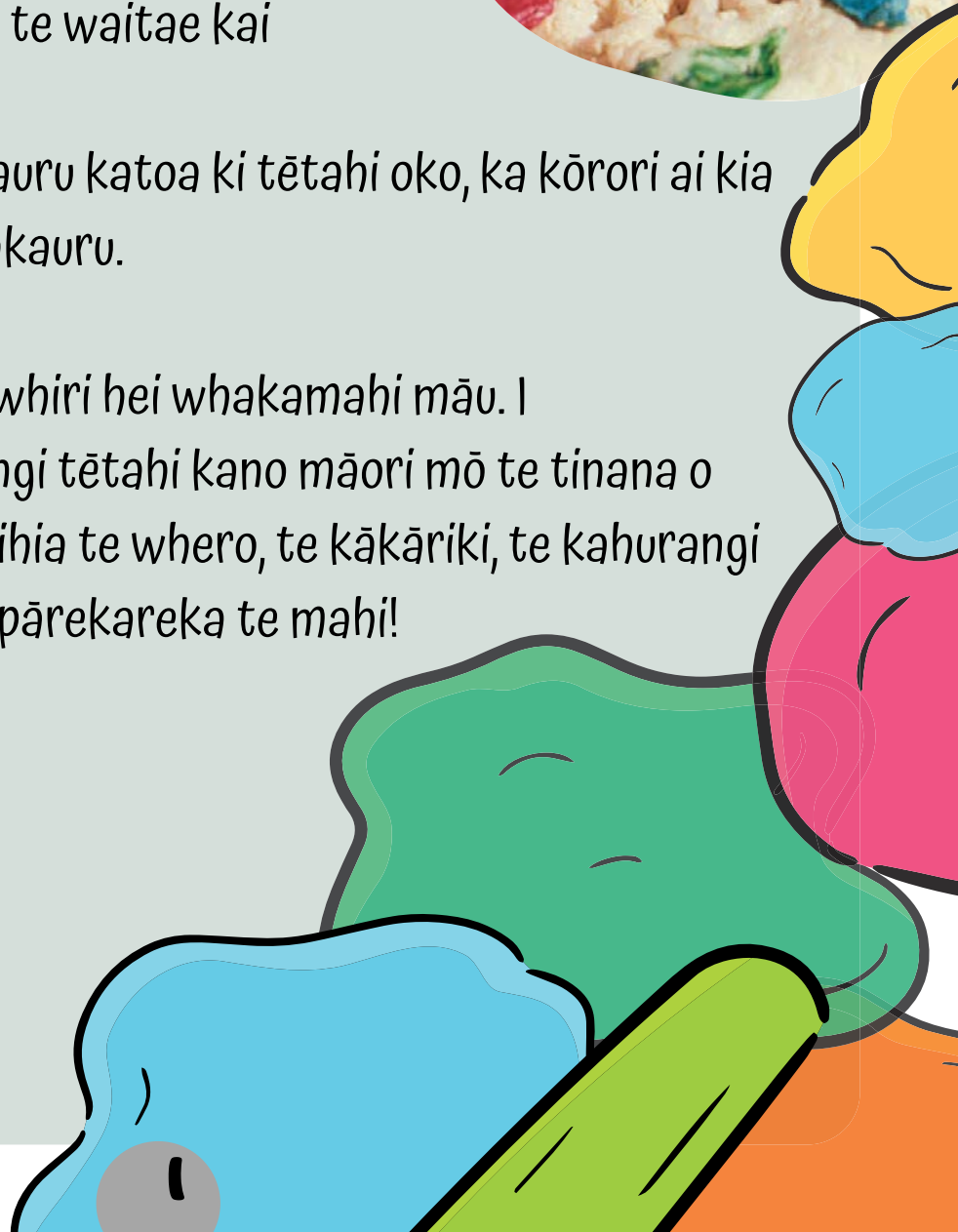
Pērā i ngā mahi a Mererangi i te pūrākau, ka taea e koe te hanga ika ki te parāoa pokepoke. E hiahiatia ana ēnei kai whakauru hei hanga i te parāoa pokepoke:

- Kia 2 ngā kapu puehu parāoa
- 1 te kapu tote
- 1 te tēpu pūnu hinu
- 1 te kapu wai māori mātao
- Kia 2 ngā māturu o te waitae kai



Raua atu ngā kai whakauru katoa ki tētahi oko, ka kōrori ai kia ranu katoa ngā kai whakauru.

Māu anō ngā kano e kōwhiri hei whakamahi māu. I whakamahia e Mererangi tētahi kano māori mō te tinana o tana ika, heoi anō i āpitihia te whero, te kākāriki, te kahurangi me te kōwhai hoki. Kia pārekareka te mahi!



Te Poutama Pakō o te Pāngarau

NGĀ WHAKAUTU

Te Ngohe Tuatahi

1. Tāpītiranga: Tāpīri, Hui katoa, Anō
2. Tangohanga: Tangohia, Iti ake
3. Ōrite: Tapeke, Ōrite ki, Hui katoa, Kia hia

Te Ngohe Tuarua

1. Tāpīri
2. Tango
3. Tāpīri
4. Tango
5. Tāpīri
6. Tapiri

Te Ngohe Tuatoru

1. 30, 70, 90
2. 90
3. 30
4. 80
5. 10

Te Ngohe Tuawhā

Ka kanorau ngā whakautu - kei te ākongā te tikanga

Te Ngohe Tuarima

T	R	K	P	T	W	R	P	P	O	I	U	T	A	E	R	U
Ō	R	U	E	O	Ū	P	K	K	N	H	O	U	W	T	I	A
K	H	T	G	R	H	N	U	W	U	R	Ō	T	T	I	E	E
E	E	A	U	I	I	N	W	G	O	R	I	H	O	R	U	R
A	U	I	H	A	O	H	I	R	T	O	G	A	Ō	Ō	E	A
P	T	Ū	H	A	U	T	A	U	W	H	H	E	A	K	N	
A	W	H	E	Ō	G	W	R	W	O	W	A	R	G	Ō	U	
U	H	I	P	P	U	T	N	T	G	U	I	N	N	O		
H	A	I	R	K	A	O	K	A	N	P	A	R	T	E	G	N
I	K	E	U	T	K	P	H	Ū	U	U	W	U	H	N	O	
O	A	Ō	I	K	Ō	O	T	T	T	G	H	A	R	E	O	H
H	W	G	W	H	T	U	N	I	A	Ū	P	P	N	W	Ū	K
Ū	E	I	N	R	O	U	O	N	Ū	A	Ō	G	Ū	O	E	P
O	H	N	K	P	P	H	N	I	R	I	O	G	P	H	T	
G	E	K	A	P	H	A	I	H	Ū	W	N	N	P	R	R	O
N	Ū	G	G	Ū	N	T	Ō	N	A	Ō	Ū	Ū	G	E	Ū	Ū
Ū	Ō	E	R	H	A	H	K	N	A	A	I	H	A	T	Ū	T

Te Ngohe Tuaono

1. Kua kauruku i te haurua o te āhua
2. Kua kauruku i te haurua o te āhua
3. E rua ngā huinga 2
4. E rua ngā huinga 3
5. E rua ngā huinga 5

Te Ngohe Tuawhitu

1. 8
2. 10
3. 12
4. 16
5. 20

Te Ngohe Tuawaru

Ka kanorau ngā whakautu - kei te ākongā te tikanga

Te Ngohe Tuaiwa

1. 7
2. 8
3. 15
4. 5, 7, 14, 20
5. 80, 100, 140, 250

Te Ngohe Tekau

1. He tapatoru kākārīki
2. He porowhita whero
3. He tapatoru kākārīki
4. E 8 ngā tapawhā rite
5. Kotahi te tapawhā hāngai, e 4 ngā porowhita

Te Poutama Pakō o te Pāngarau

NGĀ WHAKAUTU

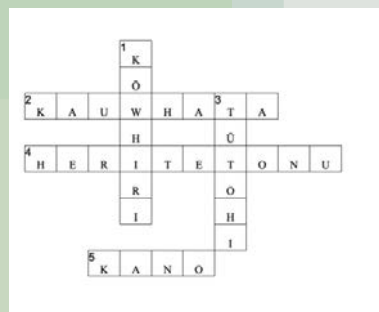
Te Ngohe Tekau mā tahi

- 25, 26 - Ka tāpirihia te 1 ki te tau o mua
- 14, 13 - Ka tangohia te 1 mai i te tau o mua
- 90, 100 - Ka tāpirihia te 10 ki te tau o mua
- 20, 15 - Ka tangohia te 5 mai i te tau o mua

Te Ngohe Tekau mā rua

Ka kanorau ngā whakautu - kei te ākonga te tikanga

Te Ngohe Tekau mā toru



Te Ngohe Tekau mā whā

- Tōrei = e 4 ngā ika
- Wenerei = e 5 ngā ika
- Tāite = e 2 ngā ika
- Paraire = e 4 ngā ika

Te Ngohe Tekau mā rima

- Wenerei
- Tāite
- Tōrei me te Paraire
- 18
- 2

Te Ngohe Tekau mā ono

Ka kanorau ngā whakautu - kei te ākonga te tikanga

Te Ngohe Tekau mā whitu

- Kotahi te ārani _____ karamu
- He pēke rīwai _____ manokaramu
- Tētahi raukura _____ karamumano
- Tētahi tangata _____ manokaramu
- Tētahi topenga parāoa _____ karamu

Te Ngohe Tekau mā waru

- Teka
- Teka
- Tika
- Teka
- Tika

Te Ngohe Tekau mā iwa

- Karamu
- Manokaramu
- 50g
- 5g
- 700g

Te Ngohe Rua Tekau

Ka kanorau ngā whakautu - kei te ākonga te tikanga

Te Poutama Pakō o te Pāngarau

HE TUHINGA, HE WHAKAARO

Te Poutama Pakō o te Pāngarau

HE TUHINGA, HE WHAKAARO

KOIA TE PAKŌ!

