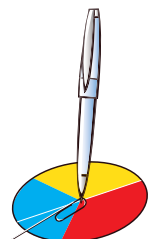


1. Ka pīroria ētahi mataono tau e rua, ka tāpiria ngā tau ka puta.
 - a) Tuhia he hoahoa rākau hei whakaatu i ngā putanga e taea ana me ngā tūponotanga o ia putanga.
 - e) He aha ngā putanga whakamutunga e taea ana?
 - h) He ōrite, he rerekē rānei te tūponotanga o ia putanga whakamutunga?
 - i) He aha te tūponotanga o te 2?
 - k) He aha te tūponotanga o te 12?
 - m) He aha te tūponotanga o te 6?
 - n) He aha te putanga he nui rawa atu te tūponotanga?
 - o) He aha te tūponotanga o tētahi taurua?
 - p) He ōrite, he rerekē rānei te tūponotanga o te taurua me te taukehe?
 - r) Whakahaerehia tēnei whakamātau tūponotanga, kia 48 ngā pīroritanga o ētahi mataono tau e rua. Tuhia ngā matapae me ngā putanga whakamātau ki te tūtohi:

Putanga	2	3	4	5	6	7	8	9	10	11	12
Tūponotanga											
Matapae (48)											
Whakamātau (48)											

- t) He aha i rerekē ai ētahi o ngā matapae me ētahi o ngā putanga whakamātau?
2. E rua ngā takahurihanga o te pūrere takahurihuri nei.
 - a) Tuhia he hoahoa rākau hei whakaatu i ngā putanga whakamutunga e taea ana me ngā tūponotanga o ia putanga.
 - e) He aha ngā putanga whakamutunga e taea ana?
 - h) He ōrite, he rerekē rānei te tūponotanga o ia putanga whakamutunga?
 - i) He aha te tūponotanga o ētahi whero e rua?



- k) He aha te tūponotanga o tētahi whero me tētahi kahurangi?
- m) He aha te tūponotanga kāore he taunga ki te rohe whero?
- n) He aha tētahi putanga ko te $\frac{2}{9}$ te tūponotanga?
- o) Whakahaerehia tēnei whakamātau tūponotanga, kia 54 ngā takahurihanga e rua o tēnei pūrere takahurihuri. Tuhia ngā matapae me ngā putanga whakamātau ki te tūtohi:

Putanga	whero whero	whero kahurangi	whero kōwhai	kahurangi kahurangi	kahurangi kōwhai	kōwhai kōwhai
Tūponotanga						
Matapae (54)						
Whakamātau (54)						

- t) He aha i rerekē ai ētahi o ngā matapae me ētahi o ngā putanga whakamātau?

3. E rua ngā pīroritanga mataono tau. Ka tangohia te tau iti i te tau nui.

- a) Tuhia he hoahoa rākau hei whakaatu i ngā putanga e taea ana me ngā tūponotanga o ia putanga.
- e) He aha ngā putanga whakamutunga e taea ana?
- h) He ōrite, he rerekē rānei te tūponotanga o ia putanga whakamutunga?
- i) He aha te tūponotanga o te rua?
- k) He aha te tūponotanga o te toru?
- m) He aha te tūponotanga o te rua, o te toru rānei?
- n) He aha te putanga he nui rawa atu te tūponotanga?
- n) He aha te putanga ko te $\frac{6}{36}$ ($\frac{1}{6}$) te tūponotanga?
- o) Whakahaerehia tēnei whakamātau tūponotanga, kia 72 ngā pīroritanga o ngā mataono tau e rua. Tuhia ngā matapae me ngā putanga whakamātau ki te tūtohi:

Putanga	0	1	2	3	4	5
Tūponotanga						
Matapae (72)						
Whakamātau (72)						

- t) He aha i rerekē ai ētahi o ngā matapae me ētahi o ngā putanga whakamātau?