

Ihumanea Pāngarau Tauira Tapawhā Rite MĀ TE KAIKO

Kia Mōhio te Ākonga ki:

- te tātai horahanga

Kupu Matua:

horahanga, tapawhā rite, tapa, pūwaenga

Whāinga Paetae:

Taumata 4, Te Tau me te Taurangi

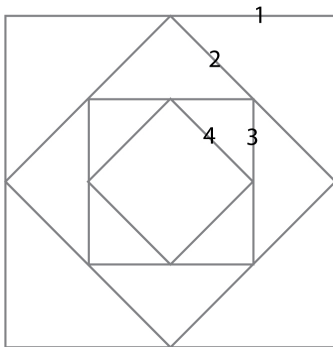
5. Ka kōwhiri, ka whakamārama i te rautaki e tino whaihua ana hei whakaoti rapanga e whai wāhi mai ana te tauoti, te hautau, te tau ā-ira, te ōrau, te ōwehenga, te tau tōpū me te taupū māmā, arā, rautaki tatau, rautaki tāpiripiri, rautaki whakarea, rautaki pānga riterite māmā.

Taumata 4, Te Ine

1. Ka whakaoti rapanga whaitake: ka whakamahi i ngā inenga tapa ki te whiriwhiri i te paenga me te horahanga o te tapawhā hāngai.

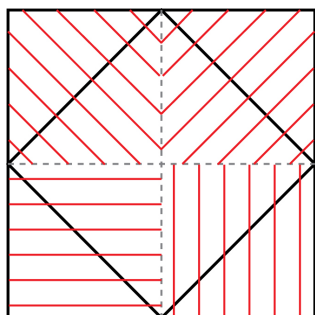
Hei Mahi:

Kua tuhia he tapawhā rite, tētahi ki roto i tētahi hei hanga i te tauira tapawhā rite nei. E 64cm^2 te horahanga o te tapawhā rite nui (nama 1). Kua hangaia te mea tuarua mā te honohono i ngā pūwaenga o ngā tapa o te tapawhā rite nui.



1. E hia mitarau pūrua (cm^2) te horahanga o te tapawhā rite tuarua?

He haurua o te horahanga o te tapawhā rite nui, ina he ōrite te rahi o te tapeke o ngā tapatoru e whā kei ngā kokonga me te rahi o te tapawhā rite tuarua:



Nō reira e 32cm^2 te horahanga o te tapawhā rite tuarua (ko te $\frac{1}{2}$ o te 64cm^2).

2. Whakatau tata i te roa o ngā tapa o te tapawhā rite tuarua?

Ko te pūtakerua o te 32. Arā, tapa x tapa = 32. Ko te $5 \times 5 = 25$, ko te $6 \times 6 = 36$. Nō reira kei waenganui i te 5 me te 6 te roa o ngā tapa, he pātata atu ki te 6.

3. Tātaihia te roa o ngā tapa o te tapawhā rite tuarua.

$\sqrt{32} = 5.66$ (mā te tātaitai, kia 2 ngā mati ā-ira)

4. E hia mitarau pūrua (cm^2) te horahanga o te tapawhā rite tuatoru?

He haurua o te horahanga o te tapawhā tuarua. Nō reira e 16cm^2 te horahanga o te tapawhā rite tuatoru.

5. Whakatau tata i te roa o ngā tapa o te tapawhā rite tuarua?

Ko te pūtakerua o te 16. Ko te 4cm tērā. Ina whakareatia te 4 ki te 4, ka 16.

6. Tātaihia te roa o ngā tapa o te tapawhā rite tuarua.

$\sqrt{16} = 4$

7. E hia mitarau pūrua (cm^2) te horahanga o te tapawhā rite tuawhā?

He haurua o te horahanga o te tapawhā rite tuatoru. Nō reira e 8cm^2 te horahanga o te tapawhā rite tuawhā.

8. Whakatau tata i te roa o ngā tapa o te tapawhā rite tuarua?

Ko te pūtakerua o te 8. Arā, tapa x tapa = 8. Ko te $2 \times 2 = 4$, ko te $3 \times 3 = 9$. Nō reira kei waenganui i te 2 me te 3 te roa o ngā tapa, engari he tino pātata atu ki te 3.

9. Tātaihia te roa o ngā tapa o te tapawhā rite tuarua.

$\sqrt{8} = 2.83$ (mā te tātaitai, kia 2 ngā mati ā-ira)