

# Ihumanea Pāngarau MiereMāhau MĀ TE KAI AKO

## Kia Mōhio te Ākonga ki:

- te tātai rōrahi pouaka
- te hoahoa raumata pouaka
- te tātai horahanga

## Kupu Matua:

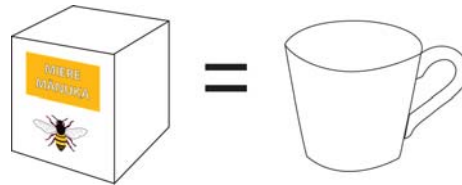
rōrahi, horahanga, mitarau pūtoru ( $\text{cm}^3$ ), mitarau pūrua ( $\text{cm}^2$ ), tapa

## Hei Mahi:

Ko Merekara te rangatira o te umanga MiereMāhau.

E hiahia ana ia kia hangaia tētahi pouaka hei hoko i te miere kotahi kapu te rōrahi.

E ai ki tana hoa, he ōrite te 1 kapu ki te 240ml. He ōrite hoki te 1ml ki te  $1\text{cm}^3$ .

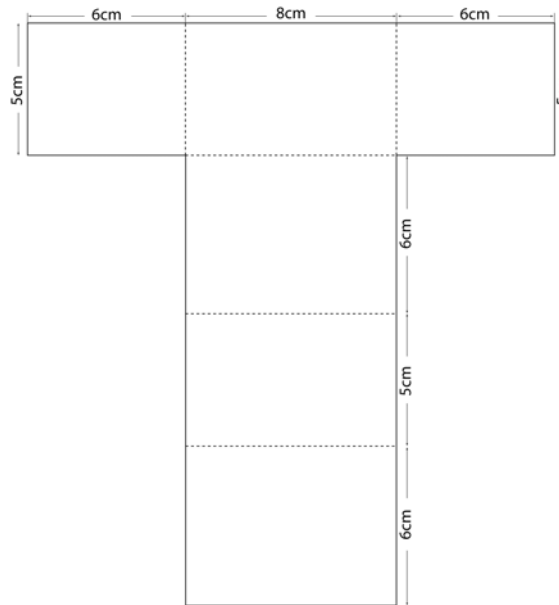


1. He aha ētahi inenga mō te pouaka? Whakaarohia kia toru ngā pouaka he rerekē ngā inenga o tēnā me tēnā.

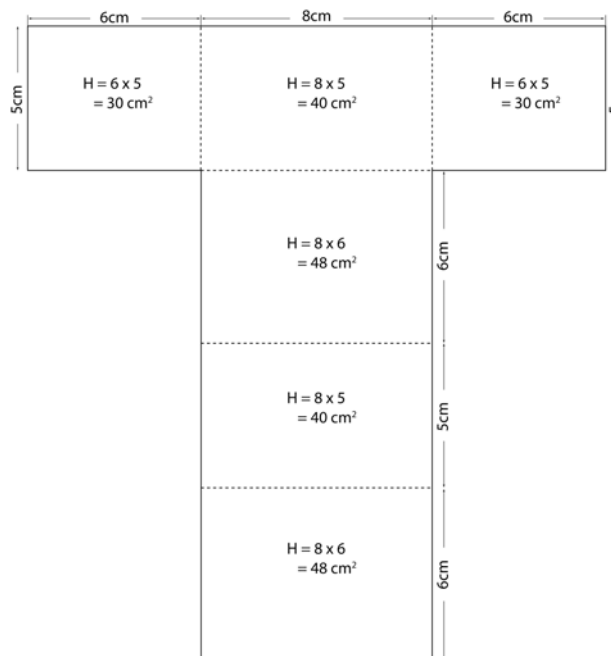
Ko te tikanga, ina whakareatia ngā inenga, ka rite ki te  $240\text{cm}^3$ . Hei tauira:

- 3cm x 4cm x 20cm
- 6cm x 2cm x 20cm
- 10cm x 6cm x 4cm
- 10cm x 8cm x 3cm
- 5cm x 6cm x 8cm

2. Tuhia te raumata o tētahi o ngā pouaka ki te kāri me ngā inenga o ngā tapa.



3. Hangaia tēnei pouaka. Whakamātauria kia kitea ai mēnā ka uru te kotahi kapu onepū ki roto.
4. Whiriwhiria te horahanga o te kāri hei hanga i tēnei pouaka (hei aha noa ngā wāhanga whakapiri).



Hui katoa ngā mata o te pouaka:  $30 + 40 + 30 + 48 + 40 + 48 = 236\text{cm}^2$

5. He nui te utu o te kāri hei hanga i ēnei momo pouaka, engari he iti ake i te ipu kirihou, waihoki he pai ake mō te taiao. He aha ngā inenga o te pouaka kotahi kapu te rōrahi, engari he iti rawa atu te kāri hei hanga i te pouaka?

He iti ake te horahanga o te kāri hei hanga i tētahi pouaka he mataono rite te āhua, tērā i te horahanga kāri hei hanga i tētahi pouaka teitei (pērā i te 3cm x 4cm x 20cm).

6. He aha ngā inenga o tētahi pouaka e 2 kapu te rōrahi? Hangaia te pouaka, ka whakamātau ai i tōna rōrahi. (Whakamahia pea kia rua ngā kapu onepū)

Me whakarea tētahi tapa anake ki te 2. Hei taura inenga:

6cm x 4cm x 20cm

12cm x 2cm x 20cm

20cm x 6cm x 4cm

20cm x 8cm x 3cm

10cm x 6cm x 8cm