

## Ihūmanea Pāngarau

### Te Whakarea Taurua ki te Tauwehe

## MĀ TE KAIKO

### Kia Mōhio te Ākongā ki:

- te whakaoti tāpiritanga
- te whiriwhiri i tētahi huarahi arorau

### Kupu Matua:

taurua, taukehe

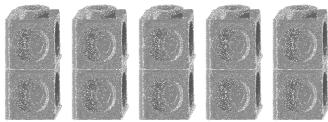
### Whāinga Paetae:

Taumata 2, Te Tau me te Taurangi

1. Ka mōhio ki ngā tauoti 1-1000: te whakaingoa i ngā tohūtau; ngā raupapa tatauranga whakamua, whakamuri hoki; ngā tikanga uara 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.

### Hei Mahi:

Koia nei te whakamahinga o ngā poraka honohono hei whakaatu i te whakareatanga 2 x 5

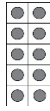


1. Māu e whakamahi ētahi poraka honohono hei whakaatu i ēnei whakareatanga:
  - 4 x 5
  - 6 x 5
  - 8 x 5
  - 2 x 7
  - 4 x 7
  - 6 x 7
2. Katoa ngā whakareatanga o runga ake nei, he whakarea i tētahi taurua ki tētahi taukehe. He taurua, he taukehe rānei ngā otinga?  
He taurua

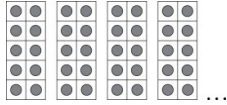
3. He pērā katoa ngā whakareatanga taurua ki te taukehe? Me pēhea te whakamārama i tēnei tūāhuatanga? He pai pea te whakamahi poraka honohono i roto i tō whakamārama.

He taurua i ngā wā katoa.

Ko te taurua te tīmatanga, pērā i te 10:

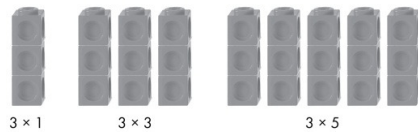


Ahako te maha o ngā tau taurua, he taurua tonu



4. Tūhuratia te whakareatanga o ētahi taukehe e rua. He taurua, he taukehe rānei ngā otinga? He pērā i ngā wā katoa? Me pēhea te whakamārama i tēnei tūāhuatanga?

He taukehe te otinga i ngā wā katoa. Hei tauira:



Ko ngā taukehe katoa, he tāpiritanga o tētahi taurua me te 1:

$$3 = 2 + 1 \quad 5 = 4 + 1 \quad 7 = 6 + 1 \quad 101 = 100 + 1 \dots$$

Nō reira, ka taea te whakareatanga o tētahi taukehe ki tētahi taukehe te tuhi kia pēnei:

$$\begin{aligned} \text{taukehe} \times \text{taukehe} &= (\text{taurua} + 1) \times \text{taukehe} \\ &= (\text{taurua} \times \text{taukehe}) + (1 \times \text{taukehe}) \\ &= \text{taurua} + \text{taukehe} \\ &= \text{taukehe} \end{aligned}$$