

# Ihumanea Pāngarau Te Tapeke Taukehe MĀ TE KAI AKO

## Kia Mōhio te Ākongā ki:

- te whiriwhiri i te ture mō tē pānga kei waenganui i ētahi taurangi e rua
- ngā tau pūrua

## Kupu Matua:

taukehe, taurua, tapeke

## Ngā Tohutohu:

1. Tuhia ngā taukehe mai i te 1 ki te 31.  
{1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31}
2. Tātaihia te tapeke o ngā taukehe tuatahi e rua.  
 $1 + 3 = 4$
3. Tātaihia te tapeke o ngā taukehe tuatahi e toru.  
 $1 + 3 + 5 = 9$
4. Tātaihia te tapeke o ngā taukehe tuatahi e whā.  
 $1 + 3 + 5 + 7 = 16$

5. E hia te tapeke o ngā taukehe tuatahi tekau?

te maha o ngā taukehe	te tātaitanga	te tapeke
1	1	1
2	$1 + 3$	4
3	$1 + 3 + 5$	9
4	$1 + 3 + 5 + 7$	16
10	$10^2 (10 \times 10)$	100
$n$	$n^2$	

6. Whakamāramatia te huarahi e tātaihia ai te tapeke o ngā taukehe tuatahi 20. Pūruatia te maha o ngā taukehe. Arā, pūruatia te 20, ka 400 ( $20^2 = 20 \times 20 = 400$ ). Koia rā te tapeke o ngā taukehe tuatahi 20.

7. Tūhuratia te tapeke o ngā taurua.

te maha o ngā taurua	te tātaitanga	te tapeke
1	2	2
2	$2 + 4$	6
3	$2 + 4 + 6$	12
4	$2 + 4 + 6 + 8$	20
5	$2 + 4 + 6 + 8 + 10$	30
$n$	$n^2 + n$	

Pūruatia te maha o ngā taurua, kātahi ka tāpiri i te maha o ngā taurua. Hei tauira, mēnā e  
20 te maha o ngā taurua:  
 $20^2 = 400$  pūruatia te maha o ngā taurua  
 $400 + 20 = 420$  tāpirihia te maha o ngā taurua