

Singing up a Storm

You need a classmate

Activity

Rotorua is hosting a kapa haka concert. There are 18 girls and 9 boys in each team. Altogether, there are 30 teams.

Estimate the answers to questions 1–4 and then use these estimates to calculate the exact answers. Make sure that you record how you used your estimate to get the answer.

There are 27 in each team.
30 people in each team and 30
teams would be $30 \times 30 = 900$.
That's a bit high.



1. How many people perform in the concert altogether?
2. For the poi event, each girl needs 4 poi.
 - a. How many poi would each team have?
 - b. How many poi would there be altogether?
3. The boys need 2 sticks each for tī rākau.
 - a. How many sticks would each team have?
 - b. How many would there be altogether?
4. Each performer has 3 supporters. How many supporters would there be at the kapa haka concert?
5. When they are performing, the teams arrange themselves in different ways depending on the item. Discuss with a classmate various row formations they could use.
6. At the end of the kapa haka concert, all the teams perform a final song together. If each row has to have the same number of people in it, how might they be organised?
7. Each team paid \$54 to enter the competition.
 - a. How much did each team member pay?
 - b. How much money was paid altogether?