

The Fish Hooks of Ngāke

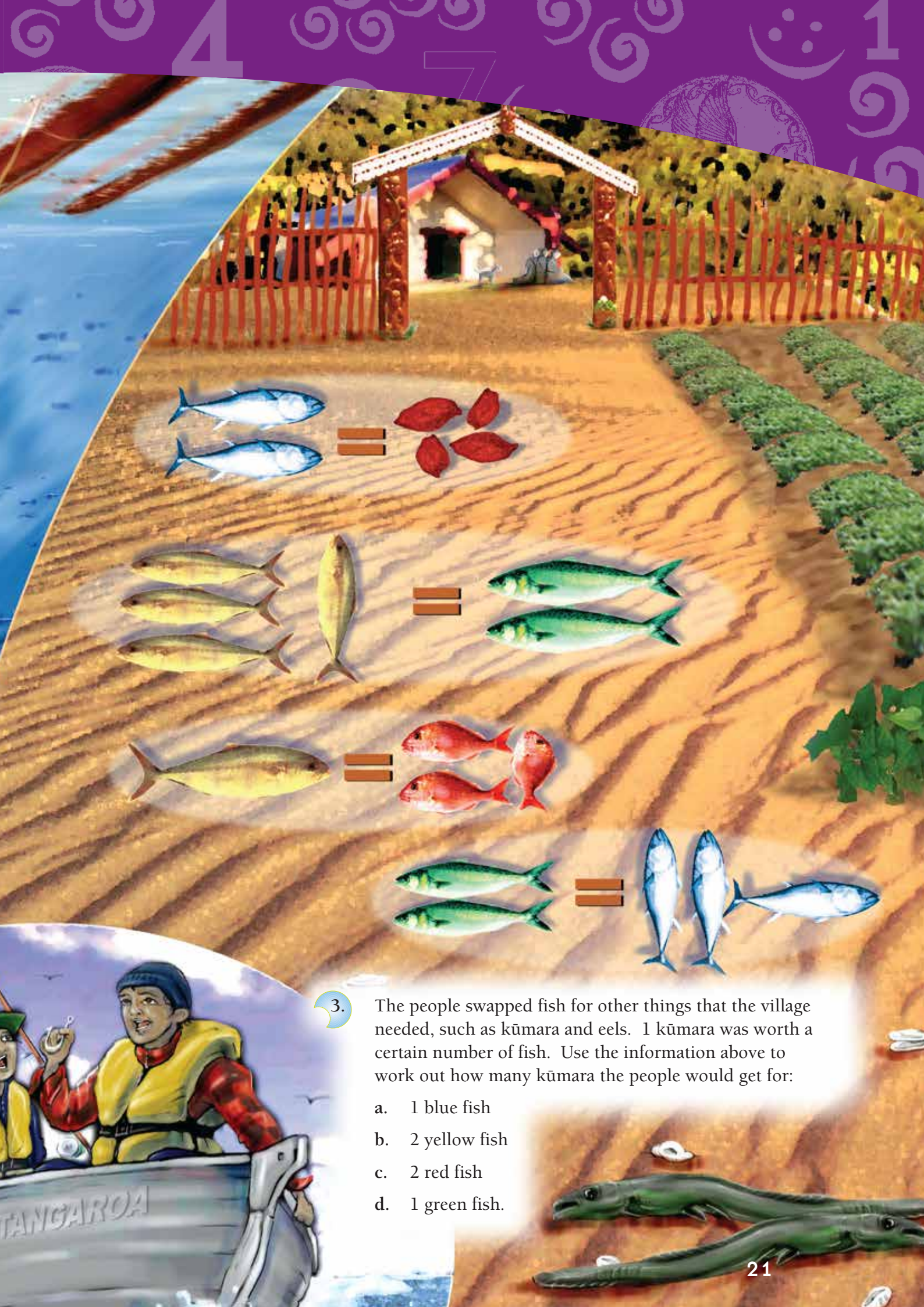
Activity

Hape went on a fishing trip with his uncles one weekend. While they were fishing, Uncle Tōmai told Hape the legend of a taniwha called Ngāke, who helped form Te Whanganui-a-Tara (Wellington Harbour).

Ngāke cared about the people who lived close to the shores of the river, and when he heard them cry out in hunger because they had no luck with their fishing, he decided to help them.

Their fish hooks became magic, and they were able to catch fish every day, even when no one else could find fish to catch.

1. Calculate how many fish the people caught on each of the following days using the magic fish hooks:
 - a. Day 1
There were 3 waka. Each waka had 10 men in it.
Each man had 3 hooks, and each hook caught 3 fish.
 - b. Day 2
There were 4 waka. Each waka had 15 men in it.
Each man had 2 hooks, and each hook caught 3 fish.
 - c. Day 3
There were 5 waka. Each waka had 16 men in it.
Each man had 3 hooks, and each hook caught 4 fish.
2. On the fourth day, 5 waka went out again. Each waka had 6 lines with 3 hooks on each line. If each hook caught 4 fish, how many fish did the people catch that day?



2 blue fish = 5 kūmara

4 yellow fish + 1 yellow fish = 2 green fish

1 yellow fish = 3 red fish

2 green fish = 3 blue fish

3. The people swapped fish for other things that the village needed, such as kūmara and eels. 1 kūmara was worth a certain number of fish. Use the information above to work out how many kūmara the people would get for:

- a. 1 blue fish
- b. 2 yellow fish
- c. 2 red fish
- d. 1 green fish.

