

# Paddling down the Waikato

## Activity

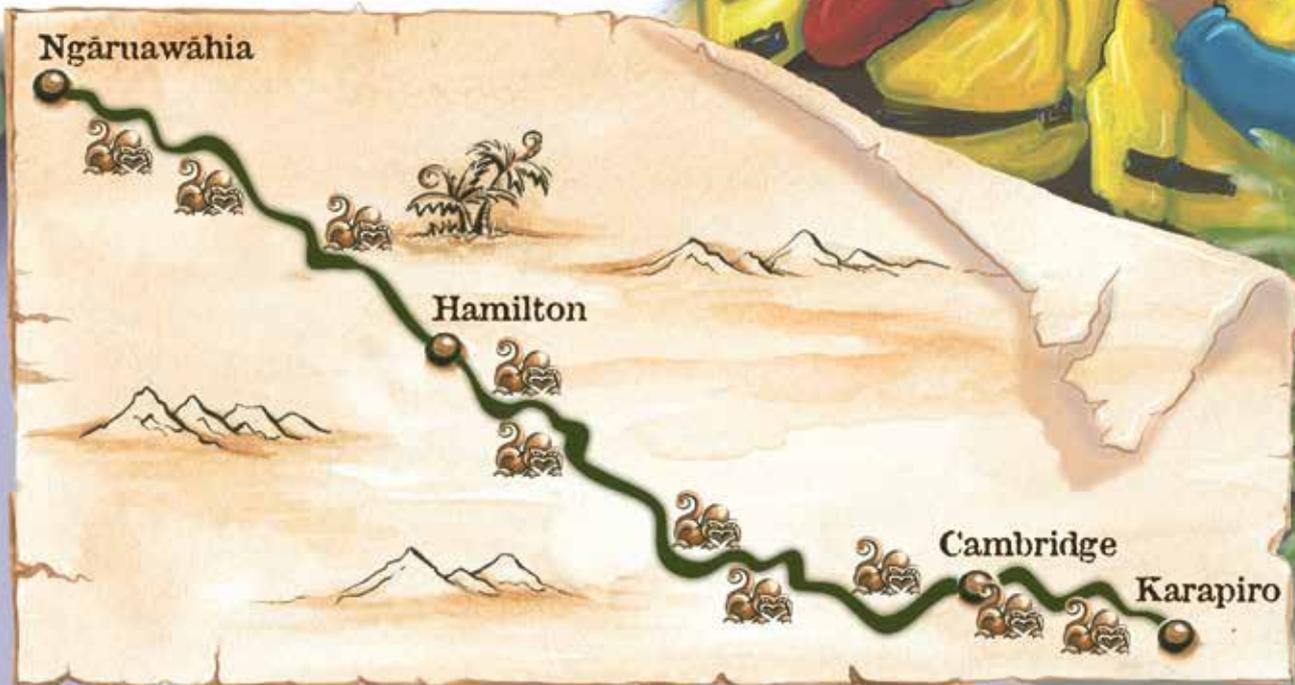
Wiremu, Tāmoko, and Ngāhuia want to paddle their waka from Karapiro to Ngāruawāhia along the Waikato River. The journey is 55 kilometres.

I'm worried about this journey. There are taniwha at 10 of the bends.

We'll need to drag the waka overland for about 500 metres each time to avoid them.

I think we could manage to drag the waka for 5 kilometres altogether.

They study this map of the river to work out where to drag the waka and where to paddle it.



If they paddle their waka, the tamariki can travel 1 kilometre in 12 minutes.  
If they drag the waka, they can walk 1 kilometre in 30 minutes.

1. How long should it take Wiremu, Tāmoko, and Ngāhuia to make their journey? (Base your answer on 500 metres each time they try to avoid a taniwha.)
2. If 5 friendly taniwha let them paddle past safely, how long will their journey take now?

