

# Across Lake Taupō

A long-distance swimmer takes 80 strokes to swim 100 metres. He wants to swim across Lake Taupo, a distance of 4 200 metres.

1. How many strokes will it take for him to swim across the lake?
2. If he can swim at a rate of 60 strokes per minute, how many minutes could he swim across the lake in?
3. Can he expect to beat the 2015 champion swimmer who crossed the lake in a time of 51 minutes and 48 seconds?

