

# Going for Gold!

## ACTIVITY

- The swimmers for the 100 metre boys' freestyle final at the North Island interclub championships are the fastest eight qualifiers from the semi-finals.

They are given the following lanes for the final in order of speed, starting with the fastest qualifier: lane 4, lane 5, lane 3, lane 6, lane 2, lane 7, lane 1, and lane 8.

Find the finalists from the following semi-finals and put them in lane order:



Semi-final One (times in seconds)		Semi-final Two (times in seconds)	
Mike	49.231	Yee	50.063
Bill	48.216	Daniel	51.096
Tama	48.462	Matiu	48.205
Pete	48.862	James	49.003
Anaru	48.195	Lain	48.962
John	50.176	Simon	49.468
Rob	49.503	Karl	49.230
Alofa	50.163	Tony	51.004

- The 4 x 100 metre girls' medley relay final had the following results for the first two legs:

	Backstroke (times in seconds)	Butterfly (times in seconds)
Hastings	59.264	58.004
Manakau	58.972	60.211
Gisborne	59.598	58.432
Levin	58.926	57.621
Hamilton	59.420	59.334
Pakuranga	60.382	59.837
Taupo	60.196	59.443
Bulls	62.038	60.382



- Give the order of the teams at the start of the third leg.
- The final order after the four legs is: 1st: Gisborne; 2nd: Levin; and 3rd: Hastings. If the Levin and Hastings teams maintained the same pace in the last two legs, how many seconds did Gisborne have to make up over these legs to emerge the winner?