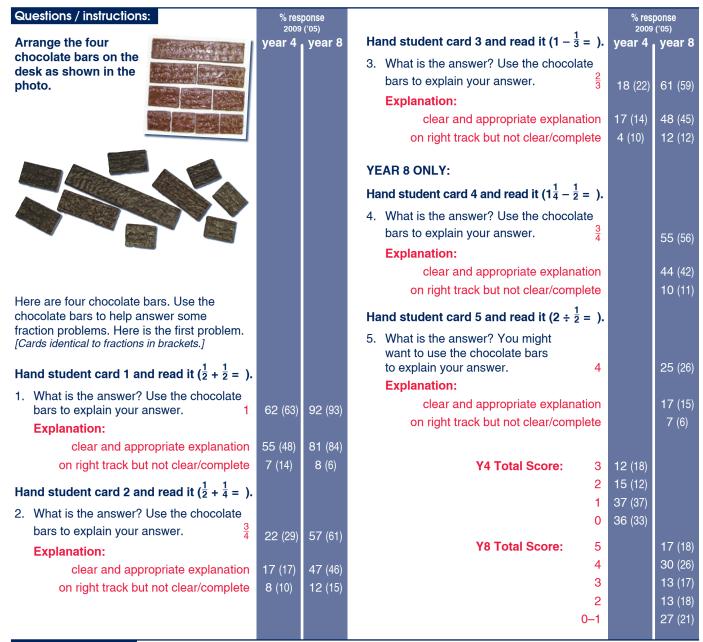
Year: 4 & 8

Chocolate Fractions Trend Task:

Approach: Calculating fractions using equipment

One to one

4 chocolate bars (divided into $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, whole), 5 fraction problem cards, photo



Subgroup Analyses: Year 4 Score Pasifika Range 3 8 % 7 % 4 % 16 % 10 % 5 % 14 % 3/1 % 41 % 36 % 11 % 27 % 0 35 % 37 % 31 % 39 % 64 % Year 8 Score Range Boys Girls Pakeha Māori Pasifika 21 % 14 % 22 % 9 % 3 % 19 % 13 % 12 % 16 %

Commentary:

There was no meaningful change in performance from 2005 to 2009, at either year level. About two thirds of year 4 Pasifika students had no success with this task.

22 %

29 %

32 %

39 %