

He Āporo — Apples

Approach: One to one

Focus: Money calculations and change.

Resources: Advertisement card, calculator, \$5, \$10 and \$20 notes.

Questions/instructions:

The calculator is not given to the student until question 4. Questions leading up to Q4 are solved mentally.

In this activity we are using some artificial money. Apples at a shop cost \$1.95 a kilogram.

Show the advertisement card and hand out money.

I want to buy 5 kilograms of apples.
I have a \$5 note, a \$10 note and a \$20 note.



Kaua e hoatu te tātaitai ki te ākonga kia tae rawa ki te pātai 4. Ko ngā pātai i mua i te pātai 4 me whakaoti ā hinengaro. Hoatu ngā moni.

Anei a tātou moni mō tēnei mahi.
\$1.95 te utu o te kirokarama āporo.

Whakaaturia te kāri hokohoko. Anei he āporo.
\$1.95 te utu mō te kirokarama.

Nā, kei te hia hoko ahau e 5 kirokarama āporo.

Arā te \$5, arā te \$10, arā te \$20.

	% responses			% responses	
	GE _d	MI		GE _d	MI
1. What is the smallest value note that I could use to pay for the apples? Ko tēhea te moni, iti rawa te uara, hei utu māku, i ngā āporo?	\$10	82 69	4. If I bought a 5 kilogram bag of apples on special for \$7.50, how much would the apples cost per kilogram?		
2. Why did you choose that note? He aha koe i kōwhiri ai i tēnā moni?			Ask the student to read out the answer shown on the calculator.		
calculation		9 9	Mehemea ka hokona mai e au tētahi 5 kirokarama pēke āporo, ā, kua whakahekengia te utu ki te \$7.50 mō taua pēke, e hia te utu mō ia kirokarama.		
estimation and elimination		42 58	Tonoa te ākonga ki te kōrero mai te whakautu mā tātaitai.		
estimation, but not eliminating \$20 option		25 14		\$1.50	42 23
3. How much change would you expect? He aha te moni ka toe mai?	25¢	27 37			

Hand student a calculator.

Use the calculator to work out the next problem. Tell me what you are doing with the calculator as you do it.

Hoatu he tātaitai ki te ākonga.

Whakamahia te tātaitai hei whakaoti i te rapanga e whai ake nei.

Kōrero mai kei te ahatia e koe te tātaitai i a koe e mahi ana.

Commentary

The results achieved by Māori students in general education (GE_d) settings and students in Māori immersion (MI) settings were not statistically significantly different.