Task:
Te Utu ā-Hāora

Approach:	One to one
Focus:	Rate
Resources:	Kāri pātai e 2; te puka whakautu
Kupu:	toa hokomaha = supermarket

NEMP
Access
Task

Questions / instructions:

% response

Whakaaturia te kāri ki te ākonga, ka pānui ai i te rapanga tuatahi. Tukuna he wā hei whakaoti māna. Kia pēnei anō mō te pātai tuarua.

Anei ētahi rapanga hei whakaoti māu. Māku e pānui, māu e whai mai. Anei te pene rākau mēnā e hiahia ana koe ki te tuhituhi i ō mahi. Ka tono au ki a koe kia whakamāramatia mai tō mahi.

Whakaaturia te kāri tuatahi me te puka whakautu ki te ākonga.

Anei te mea tuatahi.

> **Te Utu ā-Hāora : 1**
> $6.50 te utu ā-hāora mō te mahi a Hakopa i te Toa Hokomaha. E 9 hāora te roa o tana mahi i tētahi wiki.
> E hia tana utu mō taua wiki?

1. $6.50 te utu ā-hāora mō te mahi a Hakopa i te Toa Hokomaha. E 9 hāora te roa o tana mahi i tētahi wiki. E hia tana utu mō taua wiki?

   $58.50 :

multiplied $6.50 x 9 and got correct answer	47
multiplied $6.50 x 9 and got incorrect answer	9
performed another calculation	18

   Strategy: used mental strategy | 7 |
   | used combination of written and mental strategy | 20 |
   | used written vertical algorithm | 40 |

Whakaaturia te kāri tuarua ki te ākonga.

Anei te mea tuarua.

> **Te Utu ā-Hāora : 2**
> $22 ka riro i a Ngāhuia mō āna mahi mai i te 10:00 karaka i te ata ki te 1:00 karaka i te ahiahi.
> E hia te utu ā-hāora?

2. $22 ka riro i a Ngāhuia mō āna mahi mai i te 10:00 karaka i te ata ki te 1:00 karaka i te ahiahi. E hia te utu ā-hāora?

recognised that 3 hours were worked	45
calculated $7.33 as hourly rate	13

   Calculation:

calculated 22 ÷ 3 using standard algorithm	16
calculated 22 ÷ 3 using a valid mental strategy	14

Commentary:

Approximately half of the students were able to extract the required information from question one, recognise that the hourly rate had to be multiplied by the number of hours worked, and accurately calculate the answer. Fewer students were successful in question two which had two steps and required division.