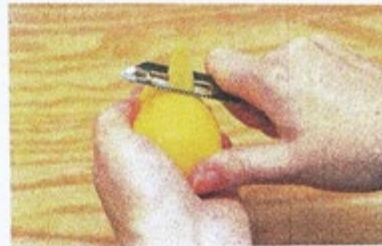**Learner 7: PC 1.1 and 1.2**

Learner 7: Meets Requirements
Intended for teacher use only

Peeling the spuds

Mia is asked to help out at her local Marae. She is told her job will be to peel about 25kgs of potatoes for the day's meal.

She wants to know approximately how many potatoes she will need to peel and how much time she should allow to get the job done.

Take measurements to work out (approximately) how many potatoes she needs to peel and how much time she should allow to get the job done. ④

① (observed Kay
11/4/14) ⑤

One potato = 124g

25 kg = 25000g ⑦ 25000 ÷ 124 = 208·3 (209) ③

She will need to peel about 209 spuds.

Peeling one spud takes 28 secs ② (observed Kay 11/4/14) ⑤

209 x 28 = 5852 secs ③

5852 ÷ 60 = 97·5 mins (98 mins)

98 mins is 1 hour + 38 mins

Mia will need about 2 hours to get the spuds peeled - with a few short breaks to rest.

(Learner took accurate measurements and checked the reasonableness of answer by: ⑥

2 potatoes = 250
4 = 500
8 = 1kg
25 x 8 = 200

Kay 11/24/14)

peel 2 per minute
200 in 100 minutes).