Student: $\qquad$ Class: $\qquad$ Assessment 1 Date: $\qquad$ Level: $\qquad$
Assessment 2 Date: $\qquad$ Level: $\qquad$
(19) Uncovering task

Cover the card with two cardboard sheets. Uncover each section as described in the interview guidelines

- Uncover the first 4 dots. How many dots are there?
- Slide the covers to the right so that the first 4 dots


Teacher Notes and the next 10 dots are visible.
Each time you see one of these long strips, you know it has 10 dots.
How many dots are there altogether?

- Slide the cover across so that the next 20 dots are also visible.

How many dots are there altogether?

- Slide one cover to the left to cover these 34 dots. Slide the second cover to the right to reveal the next 14 dots.
How many dots are there altogether now?
- Slide the second cover to the left to reveal the last 25 dots.

How many dots are there altogether now?

- Cover all dots.

How many more dots would I need to make 100?

Display this card: \begin{tabular}{rl}
$43+21$ \& What is the answer to this? \\

Display this card: |  | $37+19$ |
| ---: | :--- | What is the answer to this? \\

Display this card: $50-27$ \& | What is 50 minus $27 ?$ |
| :--- |
| Can you tell me how you |
| worked it out? |

\end{tabular}

worked it out?

Teacher Notes

Teacher Notes

Display this card: $\qquad$ What is the answer to this?
Display this card:
$437+348$ What is the answer to this?

Display this card: 332-116 What is 332 minus 116?

Can you tell me how you worked it out?


| $43+21+121+117$ |
| ---: |
| $37+19$ |
| $50-27+348$ |
| $332-116$ |

## How to find out where they are up to on Aspect 4: Place Value?



Students need to be at least at the Counting-on-and-back stage to be placed on the Place Value aspect.

## PV level 0 MA1-4NA MA1-5NS

See EAS Counts-on-and-back.

1. See Counting by 10 s and 100 s , Aspect 1D Level 1


Uncover the first 4 dots. How many dots are there?
Slide the covers to the right so that the first 4 dots and the next 10 dots are visible. Each time you see one of these long strips, you


Cover the card with two cardboard sheets.
Slide the cover across so that the next 20 dots are also visible.
How many dots are there altogether?

## PV level 2 MA2-4NA MA2-5NA

Cover all dots.
How many more dots would I need to make 100?
If students successfully answer the final question above, they would be at Level 2 because all the dots are covered.
SEE EAS Facile
Display this card: $43+21$ What is the answer to this?
Display this card: $37+19$ What is the answer to this?
Display this card: 50-27 What is 50 minus 27?
know it has 10 dots. How many dots are there altogether?
Stop if the student counts on by ones. (The student would be determined to be at level 0 ).


## PV Level 3

## MA2-4NA MA2-5NA

3a: Jump Method
Uses hundreds, tens and ones in standard decomposition, e.g. 326 as three groups of 100 , two groups of $10 \&$ six 1 s . Increments by hundreds and tens to add mentally.
Determines the number of tens in 621 without counting by ten.
3b: Split Method
Adds and subtracts mentally combinations of numbers to 1 000.

Uses the positional value of numbers to flexibly in regrouping without a need to rely on incrementing by tens or hundreds.
Uses a part-whole knowledge of numbers to 1000.
Display this card: 121+117What is the
answer to this?

Slide one cover to the left to cover these 34 dots. Slide the second cover to the right to reveal the next 14 dots.
How many dots are there altogether now?
Slide the second cover to the left to reveal the last 25 dots.
How many dots are there altogether now?
Students are determined to be at Level 1
(Ten as a unit) if they successfully manipulate tens and ones in this task.

- Ask the student to explain the strategy used.
- Success with these tasks may indicate

Level 2 (Tens \& ones).

- Identify if the student used a split or jump method to solve the tasks.


## PV Level 4

## MA3-7NA

Uses tenths and hundredths to represent fractional parts with an understanding of the positional value of decimals. For example 0.8 is larger than 0.75 because of the positional value of the digits.
Interchanges tenths and hundredths, e.g. 0.75 may be thought of as seven tenths and five hundredths.

Can you tell me how you worked it out? Ask the student to explain the strategy used.

- Identify if the student used a split or jump method to solve the tasks.


## PV Level 5

## MA3-5NA MA3-6NA

Recognises that the place value system can be extended indefinitely in two directions- to the left and right of the decimal point.
Recognises the relationship between values of adjacent places (units) in a numeral
Display this card: $437+348$ What is the
answer to this?
Display this card: 332-116 What is 332 minus
116?
Can you tell me how you worked it out?

Ask the student to explain the strategy used.

- Identify if the student used a split or jump
method to solve the tasks mentally.

