## Trend Task: Algorithms (Subtraction)

Year: 4 & 8

Approach: Focus: Resources: Independent Subtraction calculation Answer booklet

Questions / instructions:		% response	
Write your answers in the white boxes.You can use the shaded area to do your working.		year 4	year 8
1.	$\begin{array}{r} 27\\ -5\\ 22 \end{array}$	78 (71)	93 (91)
2.	$ \begin{array}{r}                                     $	65 (73)	95 (93)
3.	$ \begin{array}{r} 684 \\ -32 \\ \overline{652} \end{array} $	56 (64)	91 (90)
4.	87 <u>-79</u> 8	24 (33)	75 (77)
5.	54 $-26$ $28$	27 (35)	76 (77)
YEAR 8 ONLY:			
6.	$\begin{array}{r} 472 \\ -234 \\ \hline 238 \end{array}$		72 (74)
7.	$\begin{array}{r} 715\\ -417\\ \hline 298 \end{array}$		63 (67)
8.	$ \begin{array}{r} 500\\ -215\\ 285 \end{array} $		57 (63)
9.	$ \begin{array}{r}             8 2 3 8 \\             -3529 \\             4709         \end{array} $		66 (69)
Total score:	9 7–8 5–6	• • 15 (22)	36 (33) 35 (40) 10 (10)
3–4		39 (38)	14 (10)
1-2[Note: Maximum score of 5 for year 4]0		34 (26) 12 (15)	5 (6) 1 (1)

## Commentary:

Year 4 students showed difficulty when subtraction required regrouping. Year 8 students were much stronger at the basics but had some difficulty with more complex problems. There was a slight decline at year 8 level from 2001 to 2005, and a more substantial decline at year 4 level.