## Trend Task: Algorithms (Subtraction)

```
Approach: Independent
    Year: 4 & 8
    Focus: Subtraction calculation
Resources: Answer booklet
```


## Questions / instructions:

Write your answers in the white boxes. You can use the shaded area to do your working.
1.
2.

\% response
2005 ( $\mathbf{~ ( 0 1 ) ~}$
year 4 , year 8


3.


56 (64)
91 (90)
4.


75 (77)
5.


27 (35) 76 (77)

YEAR 8 ONLY:
6.
7.
8.
9.

$$
\begin{array}{r}
472 \\
-234 \\
\hline 238 \\
\hline
\end{array}
$$



| 500 |
| ---: |
| -215 |
| 285 |
| 8238 <br> -3529 <br> 4709 |

Total score:

| 9 | $\bullet$ | $36(33)$ |
| ---: | :---: | :---: |
| $7-8$ | $\bullet$ | $35(40)$ |
| $5-6$ | $15(22)$ | $10(10)$ |
| $3-4$ | $39(38)$ | $14(10)$ |
| $1-2$ | $34(26)$ | $5(6)$ |
| 0 | $12(15)$ | $1(1)$ |

## 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.

