Trend Task: Number A (Y4)

| Approach: | Independent | Year: | 4 |
| ---: | :--- | :--- | :--- |
| Focus: | Understanding number and |  |  |
|  | number operations | NEMMP |  |
| Resources: | Answer booklet | Access <br> Task |  |

Questions / instructions: $\quad$ \% response

## Add one hundred


What fraction is shown by the arrow on the number line?
any other fraction between 0.45 and 0.55 (exclud. $\frac{1}{2}$ )
2 (12)
6. The number that is 4 less than 500 is...
7. How much is shaded?
(A) $\frac{1}{2}$
A
68 (61)
B $\frac{2}{6}$
C $\frac{4}{6}$
D $\frac{4}{2}$

8. The chart shows...

A $\frac{2}{3}$ of the days are rainy
B $\frac{1}{2}$ of the days are rainy
C $\frac{3}{5}$ of the days are rainy
(D) $\frac{2}{5}$ of the days are rainy
D 41 (38)

| Total score: | $8-9$ | $7(7)$ |
| :--- | :---: | :---: |
|  | $6-7$ | $19(18)$ |
|  | $4-5$ | $25(26)$ |
|  | $2-3$ | $31(29)$ |
|  | $0-1$ | $18(19)$ |

[Year 8 version on adjacent page.]

## Commentary:

Performance on these questions varied widely, especially for year 4 students. While 86 percent of the year 4 students could successfully add 100 to 800 , only one third could estimate a fraction represented on a number line. No gains were seen between 2001 and 2005.

