

# Addition Examples

TREND

*Approach:* Independent

*Level:* Year 4 and year 8

*Focus:* Adding without a calculator.

*Resources:* None.

## Questions/instructions

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

		% responses	
		2001 ('97) year 4	2001 ('97) year 8
1.	$\begin{array}{r} 5 \\ + 8 \\ \hline 13 \end{array}$	89 (91)	97 (95)
2.	$\begin{array}{r} 6 \\ 3 \\ 8 \\ 7 \\ + 4 \\ \hline 28 \end{array}$	66 (72)	90 (91)
3.	$\begin{array}{r} 42 \\ + 35 \\ \hline 77 \end{array}$	80 (79)	96 (96)
4.	$\begin{array}{r} 87 \\ + 56 \\ \hline 143 \end{array}$	56 (51)	92 (90)
5.	$\begin{array}{r} 327 \\ + 436 \\ \hline 763 \end{array}$	59 (59)	89 (90)
6.	$\begin{array}{r} 5607 \\ 3294 \\ 6358 \\ + 7286 \\ \hline 22545 \end{array}$	•	69 (67)
7.	$36 + 117 + 6 + 23 + 240 = 422$	•	62 (57)
	<b>Total score:</b>	7	• 40 (32)
		6	• 33 (39)
		5	36 (35) 16 (19)
		4	21 (21) 7 (5)
		3	18 (20) 2 (4)
		2	12 (13) 1 (0)
		1	9 (8) 1 (1)
		0	4 (3) 0 (0)

• not asked for year 4

## Commentary

At both year levels, the 2001 students performed very similarly to the 1997 students. Comparative performance on questions 3 and 4 shows that many year 4 students struggled when required to rename (carry).