

Trend Task:

Multiplication (Y4)

Approach:	Independent	Year:	4
Focus:	Multiplying without a calculator		
Resources:	Answer booklet		

Questions / instructions:

Work out the answers to the multiplication questions. Show how you work out your answers.

1. $6 \times 7 =$ 42	correct	44 (48)
	incorrect with clear computational error	4 (3)
Working used:	multiplication	8 (13)
	addition	5 (7)
2. $2 \times 14 =$ 28	correct	73 (71)
	incorrect with clear computational error	5 (2)
Working used:	multiplication	8 (11)
	addition	12 (12)

% response
2009 ('05)

year 4

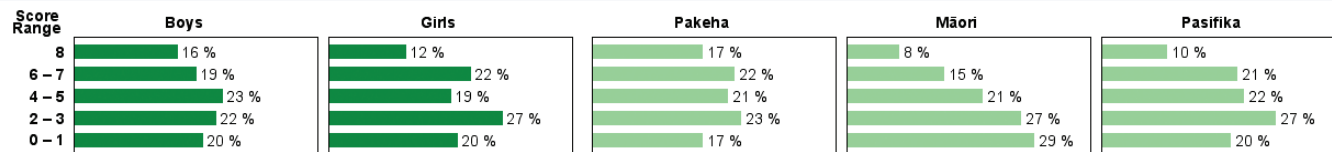
3. $22 \times 3 =$ 66	correct	36 (49)
	incorrect with clear computational error	5 (2)
Working used:	multiplication	9 (12)
	addition	9 (10)
4. $19 \times 4 =$ 76	correct	26 (28)
	incorrect with clear computational error	6 (3)
Working used:	multiplication	8 (11)
	addition	8 (9)
Total Score:	8	14 (18)
	6-7	21 (22)
	4-5	21 (21)
	2-3	24 (18)
	0-1	20 (21)

% response
2009 ('05)

year 4

Subgroup Analyses:

Year 4



Commentary:

Year 4 students averaged slightly lower on these multiplication tasks in 2009 than in 2005. Only one of the four multiplications (2×14) was completed successfully by more than 50% of the students.