

Trend Task:

Number Facts (Multiplication)

Approach:	Station	Year:	4 & 8
Focus:	Recalling multiplication facts		
Resources:	Computer program on laptop computer, answer booklet		

Questions / instructions:

This activity uses the computer.

Click on the button that says **Number Facts (Multiplication)** to begin the task.

[Problems were presented on a computer screen at four second intervals. Students responded in answer booklets that showed each problem and had a blank for entering the response.]

4 × 7 = 28

9 × 1 = 9

3 × 9 = 27

6 × 4 = 24

9 × 8 = 72

0 × 7 = 0

8 × 7 = 56

3 × 5 = 15

6 × 9 = 54

2 × 4 = 8

8 × 8 = 64

5 × 5 = 25

0 × 0 = 0

7 × 3 = 21

6 × 7 = 42

4 × 8 = 32

0 × 1 = 0

9 × 2 = 18

7 × 5 = 35

3 × 6 = 18

5 × 2 = 10

8 × 6 = 48

2 × 1 = 2

7 × 0 = 0

9 × 9 = 81

9 × 3 = 27

1 × 6 = 6

4 × 4 = 16

1 × 8 = 8

9 × 4 = 36

		% response 2005 ('01)	
		year 4	year 8
Total score:	30	2 (7)	41 (47)
	27–29	7 (10)	25 (30)
	24–26	5 (9)	11 (9)
	21–23	9 (9)	7 (6)
	18–20	11 (12)	4 (3)
	15–17	12 (13)	5 (2)
	12–14	19 (14)	2 (1)
	9–11	14 (8)	2 (1)
	6–8	8 (6)	0 (1)
	3–5	7 (6)	1 (0)
	0–2	6 (6)	0 (0)

Commentary:

Year 4 students varied widely in terms of knowledge of multiplication facts, with a decline in performance from 2001 to 2005. Year 8 students showed a strong command of these facts but a slight decline in performance from 2001 to 2005 was evident.