

# Trend Task: Work It Out (Y4)

Approach: One to one  
 Focus: Computation strategies  
 Resources: Card

Year: 4

$15 \times 4 = 60$   
 $16 \times 4 = \square$

## Questions / instructions:

### Hand card to student.

This card tells you that 15 times 4 is 60.  
 Use this fact to work out 16 times 4.

- Tell me what you think the answer is. **64**
- Now tell me how you worked it out.

PROMPT: *Can you explain that a bit more to me?*

explanation showing understanding  
 that the answer must be 4 more than 60  
 another valid strategy that made use  
 of information that  $15 \times 4 = 60$

% response 2009 ('05)		% response 2009 ('05)	
year 4		year 4	
64	47 (51)	6 (12)	
41 (39)		47 (45)	
6 (4)		<b>Total Score:</b>	
		4	40 (38)
		3	3 (2)
		2	9 (13)
		1	3 (6)
		0	45 (41)

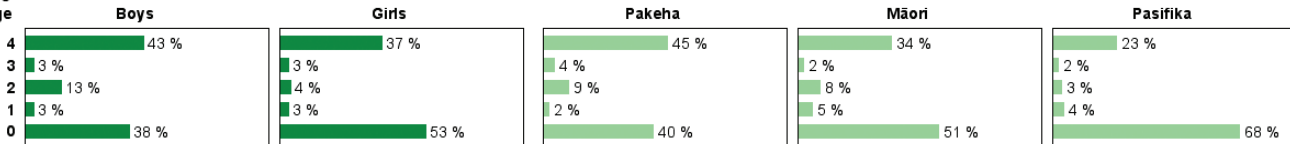
tried to directly calculate  $16 \times 4$   
 (i.e. did not make use of  $15 \times 4 = 60$ )  
 any other response, including  
 unclear explanation

**Total Score:**

## Subgroup Analyses:

Year 4

Score  
Range



## Commentary:

About half of the year 4 students used an efficient number strategy to attempt to solve this task. Fifteen percent more boys than girls adopted such a strategy.