## Chapter 3: Number

# Working With 1,3,4,18

Level: Year 4 and year 8

% responses

#### Approach: Station

*Resources:* 4 yellow number cards containing the numbers 1,3,4,18; 3 each of cards containing symbols +,-.

### **Ouestions/instructions**

You have 6 minutes to do this activity. Start the timer now. Use the yellow and blue cards to make number sentences.

## RULES

- 1. Use each card only **one time** for each number sentence.
- 2. You don't have to use all of the cards for each number sentence

				The se	cond one i
rite your answe	rs beside the	% rest	bonses		
umbers. The first	t one is done for you.	y4	<i>y</i> 8		
4-3 = 1	Number correct: 5	16	52		
=2	4	23	24		$(18 \div 3)$
=3	3	17	10		(10, 0)
=4	2	15	4		
=5	1	13	4		
=6	0	16	6		
=10	Number correct: 3	6			
=11	2	7			
=12	1	8			
	0	79			

#### Commentary

Year 4 students succeeded reasonably well where they did not need to use the number 18. Year 8 students handled the initial task well, but only about 25 percent of them were able to accurately create complex responses to the second part.

# This time do not use the cards.

### RULES

- 1. You can use multiplication, division and/or fractions as well as addition and subtraction to make the number sentences
- 2. Use the numbers 1, 3, 4, and 18.
- 3. Use as many **different** numbers for each number sentence as you can.

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