

Number items

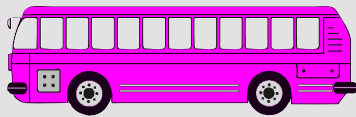
Approach: Independent

Level: Year 4 and year 8

Resources: None.

Questions/instructions	% responses	
	y4	y8
1. There are many different ways to make numbers. For example you can make the number 2 like this: 1+1 or 2×1 or 39+1–38.		
Write down 10 different ways of making the number 6 . Try to make each one as different as possible.		
number correct:	10	55
	9	23
	8	7
	6–7	7
	4–5	3
	0–3	5
Diversity: highly diverse and complex		32
moderately diverse and complex		46
low diversity/complexity		20
incomplete		2

SPORTS TRIP



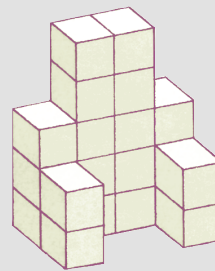
Bus seats: 55

 Room 1 24 children	 Room 2 26 children
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2. Room 1 and Room 2 need a bus for a school trip. Would the bus be big enough for all the children to have a seat?		
Write down how you worked this out.		
correct with valid explanation	49	
correct but no/inadequate explanation	20	
other	31	

Questions/instructions	% responses	
	y4	y8
 NUTS One box has enough nuts for 5 people.		
3. How many boxes will be needed for 30 people?		
Write down how you worked this out.		
6 boxes	53	
correct method but computational error	4	
other	43	

BLOCK TOWER



Here is a plan for a block tower.



4. How many blocks are needed to make the block tower?		
20 blocks	61	
5. How many block are needed to make the tower for this plan?		
24 blocks	55	

