Some sorting questions

1......Put a number into each cell

	multiples of 2	not multiples of 2
multiples of 3		
not multiples of 3		

2......Put several numbers into each cell

	multiples of 2	not multiples of 2
multiples of 3		
not multiples of 3		

3......Put a number into each cell. Try and use numbers you expect other people would use.

	multiples of 2	not multiples of 2
multiples of 3		
not multiples of 3		

4...... Put a number into each cell. Try and use numbers other people wouldn't think of.

	multiples of 2	not multiples of 2
multiples of 3		
not multiples of 3		

5...... Put a number into each cell. Oh dear! Can you explain what the problem is?

	multiples of 2	not multiples of 2
multiples of 4		
not multiples of 4		

6......Can you think of other categories where a cell cannot be filled?

7......The labels have been left off this sorting diagram. Can you put each one in the correct place?

	30	20
	9	7

The labels are:
     multiples of 5
     multiples of 3
     not multiples of 5
     not multiples of 3

8......What do you think the missing labels are?

	?			?		
greater than 20	33	24	60	32	35	49
not greater than 20	12	15	6	17	8	10

9......What do you think the missing labels are? Can you find more than one possibility?

	?	?
?	4	64
?	5	65

10......How many of these numbers are in the <u>wrong</u> place?

	multiples of 3	not multiples of 3
multiples of 4	12 48 18	40 10 8
not multiples of 4	9 16 3	27 35