



More Carroll Diagrams

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		

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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



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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 wrong 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	