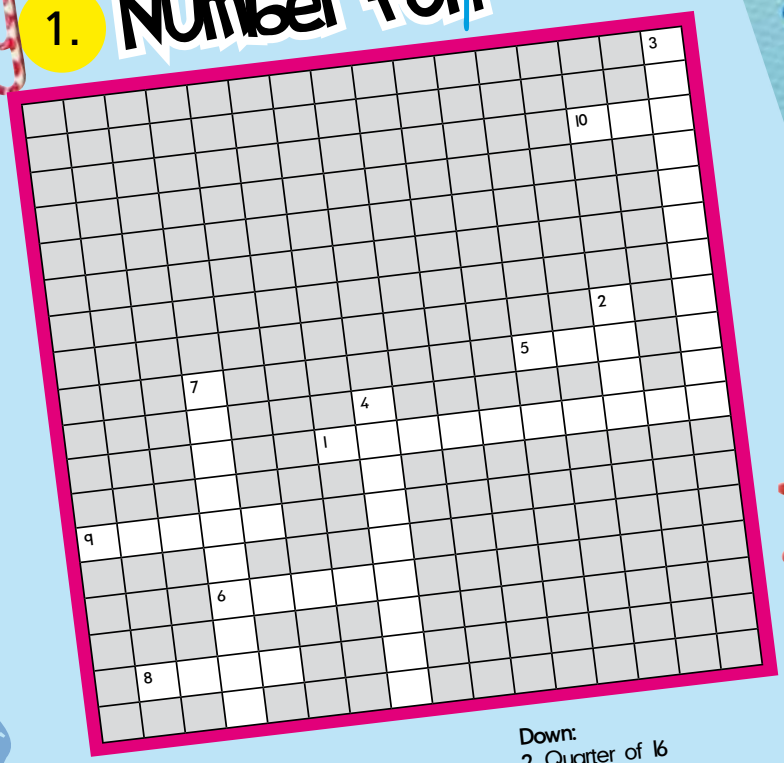
MATHS

1. Number fun



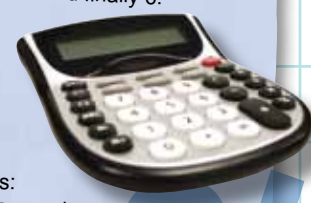
Across:
1. 8 groups of 25
5. One tenth of 20
6. 10 x 5
8. Third of 15
9. 3 groups of 20
10. 3 thirds

Down:
2. Quarter of 16
3. 125 x 8
4. 2 groups of 13
7. Half of seventy

2. Keep on dividing

- Use your calculator and divide all the numbers by 2 then 3 and finally 6.

63	108	726
18	105	555
123	951	645



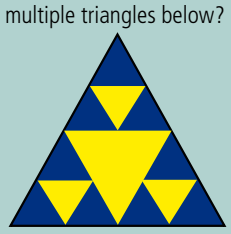
- Now divide the numbers into the three groups as follows:
  a) All the numbers that can be divided by 3 without a remainder.
  b) All the numbers that can be divided by 2 without a remainder.
  c) All the numbers that can be divided by 6 without a remainder.

Group A	Group B	Group C

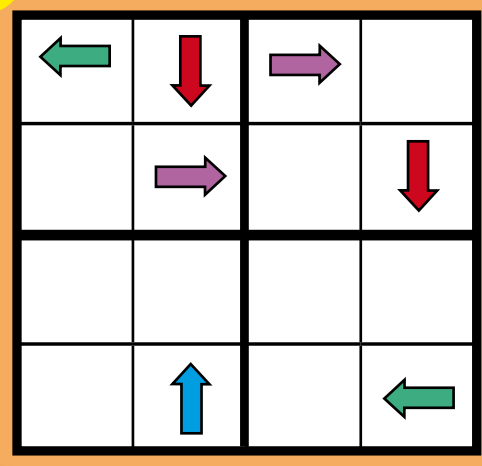
What do you notice about the above numbers? Is there any pattern for numbers that can be divided by the 2 the 3 and the 6?

3. Solve it

How many triangles can you see in the multiple triangles below?



4. Direction sudoku



5. Multiplication tables

Solve the multiplication tables. Find the missing digits by solving the multiplication calculation where the column and row cross. For example, the answer where the 3 and 9 cross is 27.

x	2	3	6
	1		
9		27	
			72

x	12		0,1	$\frac{1}{12}$	
	144		1,2		
3		0			
0,12					1,2

6. Um....where to put the plus signs?

Where could you put in addition signs to make these digits equal 99?

9 8 7 6 5 4 3 2 1 = 99

How to fold and make your storybook on pages 3-6

Step 1

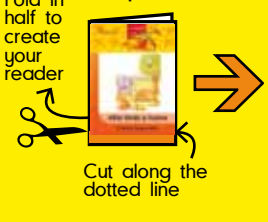
Cut out all the pages of the reader, along the red dotted line.

Step 2

Fold pages in half so the cover is facing you on the right.

Step 3

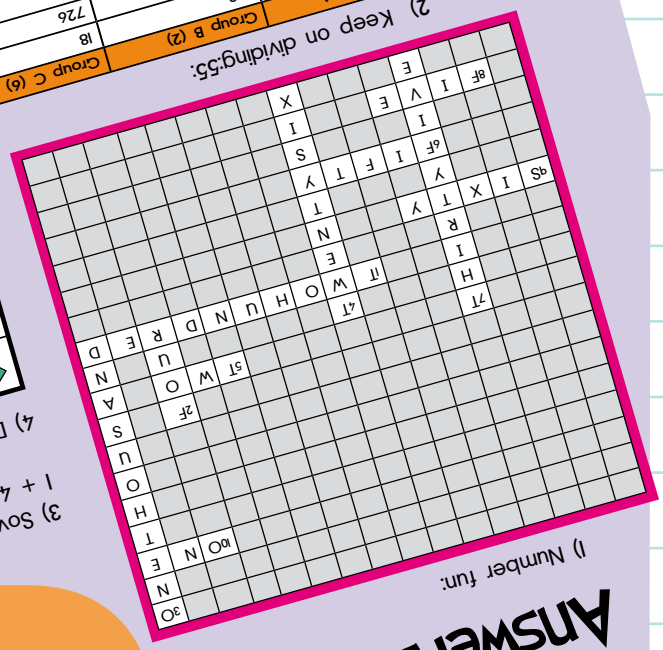
Fold in half to create your reader



Cut along the dotted line

Answers

1) Number fun:



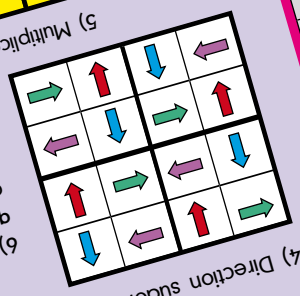
2) Keep on dividing:55:

Group A (3)	Group B (2)	Group C (6)
63 108 555	108 726 18	726 18 108
18 105 645		
123 951 726		

If a number ends in an even number it can be divided by 2 without a remainder. If a number is divisible by both 2 and 3 it is divisible by 6.

3) Solve it:
1 + 4 + 12 = 17 triangles

4) Direction sudoku:



5) Multiplication tables:

x	2	3	6
1/2	1	1,5 or 1 1/2	3
q	18	27	54
12	24	36	72

x	12	0	0,1	1/12	0,12
12	144	0	1,2	1	1,44
3	36	0	0,3	1/4 or 1,25	30
0,12	1,44	0	0,012	0,01	1,2

6) Addition signs:
q + 8 + 7 + 65 + 4 + 3 + 2 + 1 = qq
or:
q + 8 + 7 + 6 + 5 + 43 + 21 = qq

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