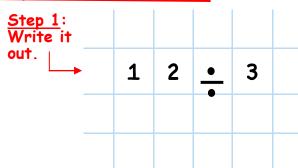
## BJHS - Numeracy Newsletter - 3

4														
	Division	N/	ME	:										
	Welcome to the third BJHS													
	Numeracy Newsletter. This	Х	1	2	3	4	5	6	7	8	9	10	11	12
7	newsletter aims to promote numeracy	1	1	2	3	4	5	6	7	8	9	10	11	12
	skills amongst students and prepare	2	2	4	6	8	10	12	14	16	18	20	22	24
	them for using maths in everyday life.	3	3	6	9	12	15	18	21	24	27	30	33	36
		4	4	8	12	16	20	24	28	32	36	40	44	48
	As this newsletter is about division,	Ė		_										, -
	you will need to know your times	5	5	10	15	20	25	30	35	40	45	50	55	60
	tables.	6	6	12	18	24	30	36	42	48	54	60	66	72
ī		7	7	14	21	28	35	42	49	56	63	70	77	84
	For more numeracy information, visit	8	8	16	24	32	40	48	56	64	72	80	88	96
	the school website and go to the	9	9	18	27	36	45	54	63	72	81	90	99	108
	Numeracy page where you will find	10	10	20	30	40	50	60	70	80	90	100	110	120
	ideas, all these newsletters and links	11	11	22	33	44	55	66	77	88	99	110	121	132
	to BBC Skillswise.	12	12	24	36	48	60	72	84	96	108	120	132	144

## Simple Division Example



Step 2:
If you don't know your tables, use the table square ...

Х	1	2	3	4
1	1	2	3	4
2	2	4	6	8
3	3	6	9	12
4	4	8	12	16

<u>Step 3</u> : Read across	X	1	2	3	4	Step 4: A Read up	Х	1	2	3	4	
the 3 times	1	1	2	3	4	from 12 and	1	1	2	3	4	
table until you get to	2	2	4	6	8	the answer is 4 because	2	2	4	6	8	
12	3	3	6	9	12	3 x 4 = 12	3	3	6	9	12	
	4	4	8	12	16		4	4	8	12	16	

These questions are suitable from Primary upwards, but anyone can try them. Can you get the answers?

## **Division Example 2:** for bigger numbers outside the times tables <u> Step 1</u>: Step 2: Н Write it out First, divide the like this. hundreds. 3 3 goes into 9 9 3 exactly 3 times. 4 5 4 5 Step 3: Н Т U <u>Step 4:</u> Т U Н Now divide the Now divide the units. We now tens. 3 goes into 4 3 1 3 1 5 have 15 units, once with 1 left and divided by over. The number <sup>1</sup>5 3 <sup>1</sup>5 3 9 4 leftover goes into 3 the answer is 5. the units column. These questions are suitable from Upper Primary upwards, but anyone can try them. Can you get the answers? 1. 2. 3. 5 5 7 5 2 4 8 4 4. 5. 6. 7 2 1 7 12 6 1 2 7 2 3 6 The last two questions above bring extra problems! In 5. we are dividing by a double digit number. It's on the table square, but to go further we need to learn long multiplication. In 2 5 8 0 6. we have a remainder. In Primary we might write r3 but by Secondary we should give the answer as a decimal. Please could you work through this newsletter with your child and if you hand it back completed (as much as possible), we will enter you into a prize draw. The winner will receive a £10 Amazon gift voucher!