BJHS - Numeracy Newsletter - 2

Multiplication

Welcome to the second BJHS Numeracy Newsletter. This newsletter aims to promote numeracy skills amongst students and prepare them for using maths in everyday life.

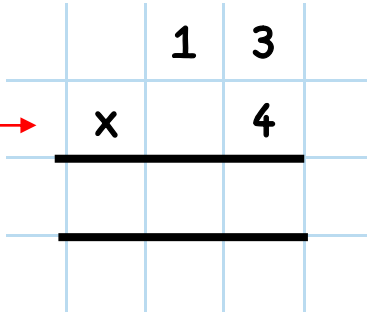
As this newsletter is about multiplication, you will need to know your times tables.

For more numeracy information, visit the school website and go to the Numeracy page where you will find ideas, all these newsletters and links to BBC Skillswise.

X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
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
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

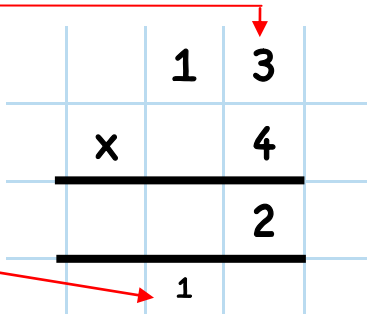
Multiplication Example

Step 1: Write it out.



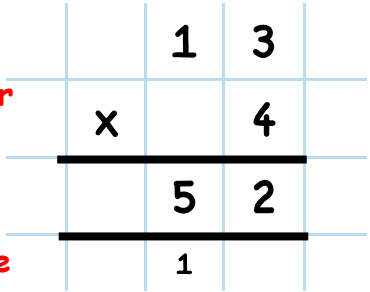
Step 2: Multiply the 4 and 3 together.

Carry the tens over into the next column.



Step 3: Multiply the 4 and 1 together

Remember to add the ten we carried over.



Now it's your turn. Work with your child through the following multiplications. Can you answer them all?

Make sure your child explains their thinking as they go along as describing the thought process helps their understanding.

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

1. 14 x 3 = ____

2. 15 x 4 = ____

3. 18 x 5 = ____

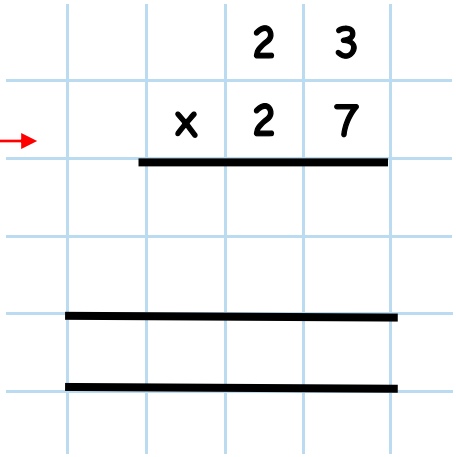
4. 22 x 6 = ____

5. 46 x 7 = ____

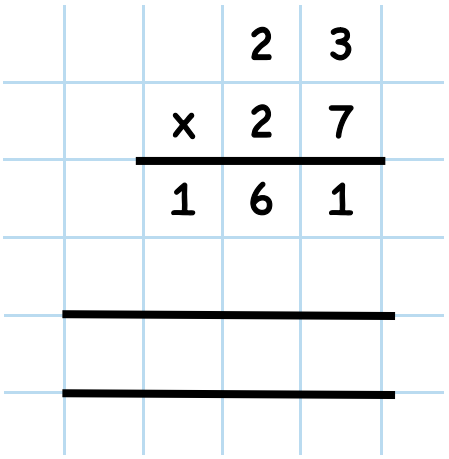
6. 78 x 9 = ____

Multiplication Example 2

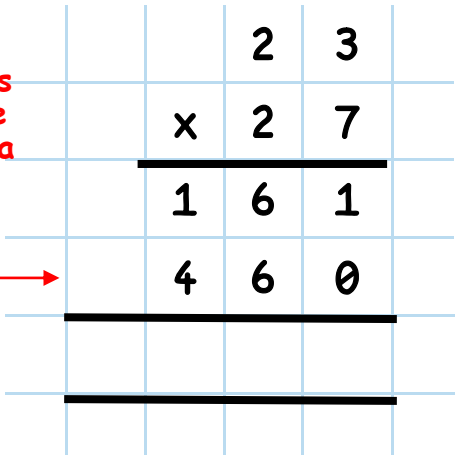
Step 1:
Write it out.



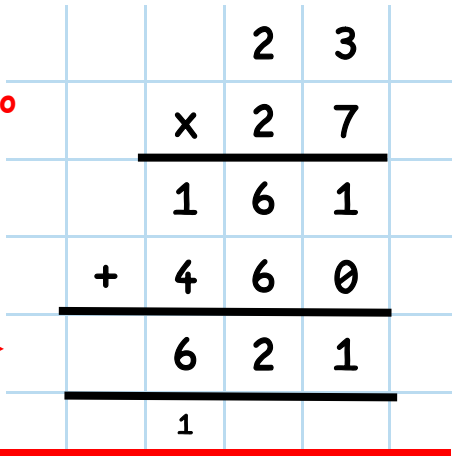
Step 2:
Multiply 23 by 7, the same way as we did on the previous examples.



Step 3:
Move into the tens column and fill the units column with a zero. Then multiply 23 by 2.

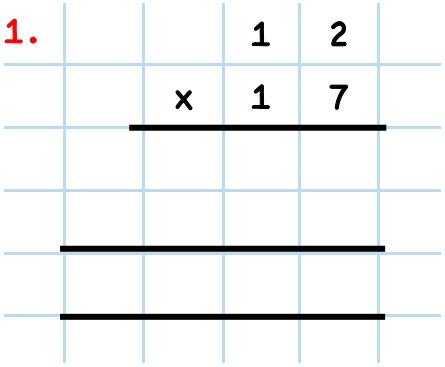


Step 4:
Add 161 and 460 together to get the final answer.

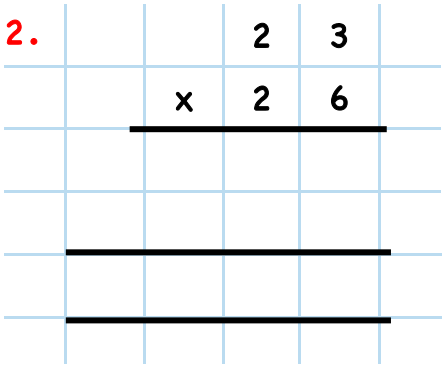


These questions are suitable from Primary upwards, but anyone can try them. Can you get the answers?

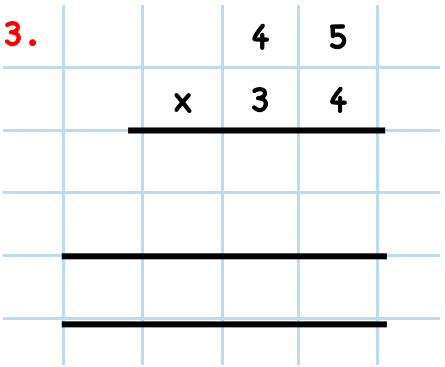
1.



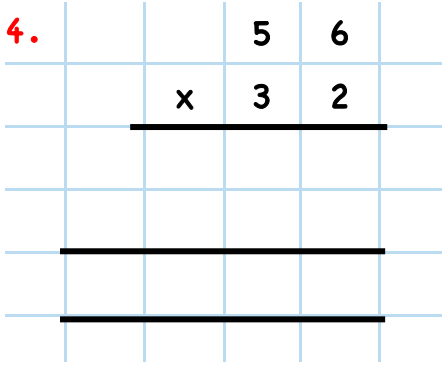
2.



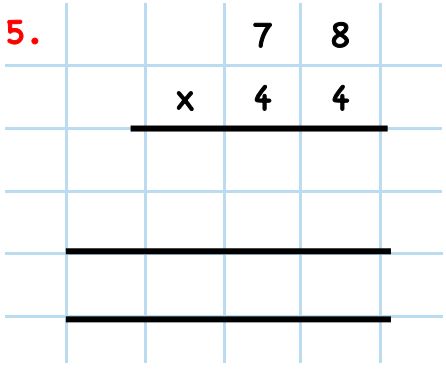
3.



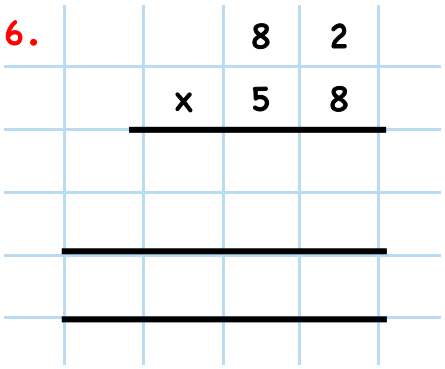
4.



5.



6.



Ok. How about trying the same type of multiplication with this problem?
Jenny has 43 games for her games console. Each game cost her £35. How much has Jenny spent on games?
Use this box for your working.