

## Tuesday 12<sup>th</sup> May – Multiplication – Fluency & Application

Using your knowledge of using the column method to multiply, solve the following fluency and word problems:

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

Example:

Column Method  $12 \times 24$   
 $= 288$

$$\begin{array}{r} 12 \\ \times 24 \\ \hline 48 \\ + 240 \\ \hline 288 \end{array}$$

$\leftarrow 12 \times 4$   
 $\leftarrow 12 \times 20$   
 $\leftarrow \text{answer}$

- $459 \times 8$
- $\underline{\hspace{2cm}} = 88 \times 34$
- 872 multiplied by 7
- 5621 times by 25
- 14 lots of 4572
- A cinema chain has 28 cinemas. The average weekly attendance is 9828. What is the total attendance across the whole chain?
- A wholesaler sells mangoes for 84p each. The wholesaler sells 13,330 mangoes in one week. How much money will the wholesaler get?
- The answer is 3105. Write a multiplication-based question which would achieve this answer.