

1. Complete the calculation $2 \times 6 = \dots\dots$

2. One way to work out a multiply fact is to draw a rectangle and count the squares.
 Here are two identical rectangles, both are 3 squares high and 5 squares wide.
 Depending how we count we either work out 3×5 or 5×3

“3 lots of 5” = $3 \times 5 = \dots$

“5 lots of 3” = $5 \times 3 = \dots$

1	2	3	4	
6	7	8	9	
11	12	13	14	

1	4	7	10	13
2	5	8	11	14

(a) Complete the speech bubbles and the multiply facts

A quicker way out to work out 3×5 (or 5×3) is to use a multiplication table.

There are two ways to work out this multiplication fact the example shown below

the other way

“3 lots of 5”



“5 lots of 3” →

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

(b) Complete these multiply facts

(i) $9 \times 3 = \dots$

(ii) $7 \times 7 = \dots$

(iii) $11 \times 4 = \dots$

3. Complete these

(i) $5 \times 6 = \dots\dots$

(ii) $7 \times 7 = \dots\dots$

(iii) $8 \times 8 = \dots\dots$

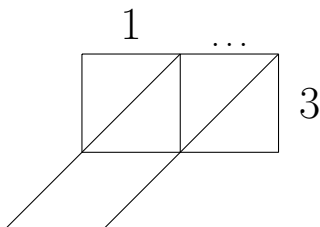
\times	2	3	4	5	6	7	8	9
2	4	6	8	10	12	14	16	18
3	6	9	12	15	18	21	24	27
4	8	12	16	20	24	28	32	36
5	10	15	20	25	30	35	40	45
6	12	18	24	30	36	42	48	54
7	14	21	28	35	42	49	56	63
8	16	24	32	40	48	56	64	72
9	18	27	36	45	54	63	72	81

4. Work out 17×3 {no Gelosia carry}

You may use the 3's row of the times table grid:

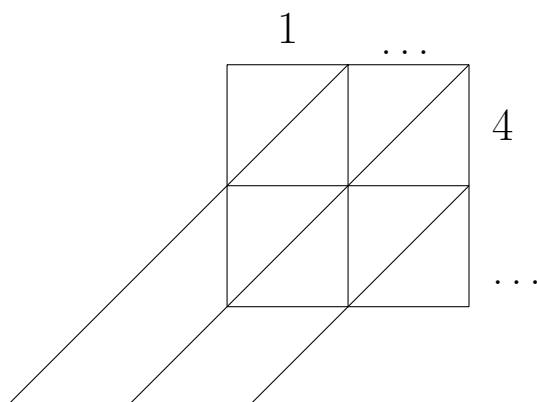
You **must** show your workings out.

\times	2	3	4	5	6	7	8	9
3	6	9	12	15	18	21	24	27



1	0	\times	3	=		
	...	\times	3	=		
1	7	\times	3	=		

5. Use the Gelosia grid to work out 13×46 {no Gelosia carry}



$13 \times 46 = \dots\dots\dots$

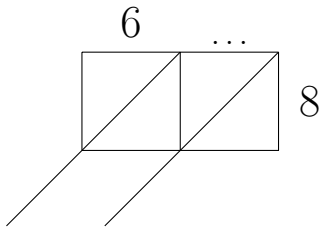
\times	02	03	04	05	06	07	08	09
02								
03		09	12		18	21	24	
04		12	16		24	28	32	
05								
06		18	24		36	42	48	
07		21	28		42	49	56	
08		24	32		48	56	64	
09								

6. Work out 67×8 {Gelosia carry required}

You may use the 8's row of the times table grid:

\times	2	3	4	5	6	7	8	9
8	16	24	32	40	48	56	64	72

You **must** show your workings out.

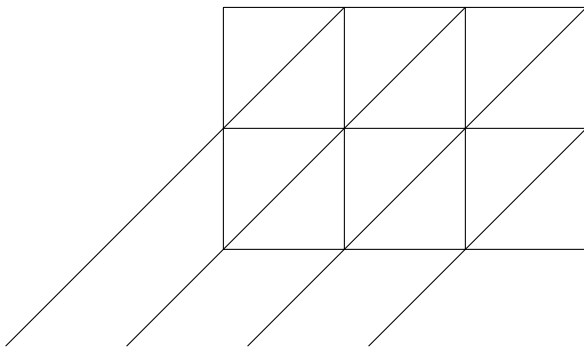


6	0	\times	8	=			
	...	\times	8	=			
6	7	\times	8	=			

\leftarrow hint $6 \times 8 = \dots$

7. As above, no hints.

8. Use the Gelosia grid to work out 578×43



$578 \times 43 = \dots\dots\dots$

\times	02	03	04	05	06	07	08	09
02								
03		09	12		18	21	24	
04		12	16		24	28	32	
05								
06		18	24		36	42	48	
07		21	28		42	49	56	
08		24	32		48	56	64	
09								

9. Work out 38×46

You **must** show your workings out.

3	\times	4	0	=			
3	\times		...	=			
3	\times	4	6	=			

$\times 10$

3	0	\times	4	6	=			
	...	\times	4	6	=			
3	8	\times	4	6	=			

...	\times	4	0	=			
...	\times		...	=			
...	\times	4	6	=			

\times	2	3	4	5	6	7	8	9
2								
3		9	12		18	21	24	
4		12	16		24	28	32	
5								
6		18	24		36	42	48	
7		21	28		42	49	56	
8		24	32		48	56	64	
9								

$38 \times 46 = \dots\dots\dots$

10. As layer 8, no hints.