

MULTIPLY 2-DIGITS BY 2-DIGITS



GET READY



1) $3 \times 8 =$

$30 \times 8 =$

2) $6 \times 7 =$

$6 \times \square = 420$

3) $22 \times 13 =$

4) $22 \times 14 =$

$\times$		

$$1) 3 \times 8 = 24$$

$$30 \times 8 = 240$$

$$2) 6 \times 7 = 42$$

$$6 \times \boxed{70} = 420$$

$$3) 22 \times 13 = 286$$

$$4) 22 \times 14 = 308$$

×	20	2
10	200	20
3	60	6

LET'S LEARN



$$23 \times 31$$

×	20	3
30	600	90
1	20	3

	H	T	O
		2	3
		3	1
×			
			3

$$600 + 90 + 20 + 3 = 713$$

$$23 \times 31$$

×	20	3
30	600	90
1	20	3

H	T	O
	2	3
	3	1
	2	3

$$600 + 90 + 20 + 3 = 713$$

$$23 \times 31$$

×	20	3
30	600	90
1	20	3

$$600 + 90 + 20 + 3 = 713$$

	H	T	O
		2	3
×		3	1
		2	3
		9	0

$$23 \times 31$$

×	20	3
30	600	90
1	20	3

	H	T	O
		2	3
×		3	1
		2	3
	6	9	0

$$600 + 90 + 20 + 3 = 713$$

$$23 \times 31$$

×	20	3
30	600	90
1	20	3

$$600 + 90 + 20 + 3 = 713$$

	H	T	O
		2	3
×		3	1
		2	3
+	6	9	0
	7	1	3
	1		

$$23 \times 31$$

	H	T	O
		2	3
×		3	1
		2	3
+	6	9	0
	7	1	3

1

(23×1)
 (23×30)

$$23 \times 31 = (23 \times 1) + (23 \times 30)$$

$$41 \times 26$$

Have a think



	H	T	O
	4	1	
×	2	6	
	2	4	6
+			

$$(41 \times 6)$$

$$41 \times 26$$

	H	T	O	
		4	1	
		2	6	
×				
	2	4	6	(41 × 6)
+	8	2	0	(41 × 20)
1				
	0	6	6	

$$41 \times 26 = 1,066$$

$$32 \times 46 = 320$$



Have a think



	Th	H	T	O
			3	2
			4	6
×				
		1	9	2
+		1	2	8
		3	2	0
		1	1	

(32 × 40)

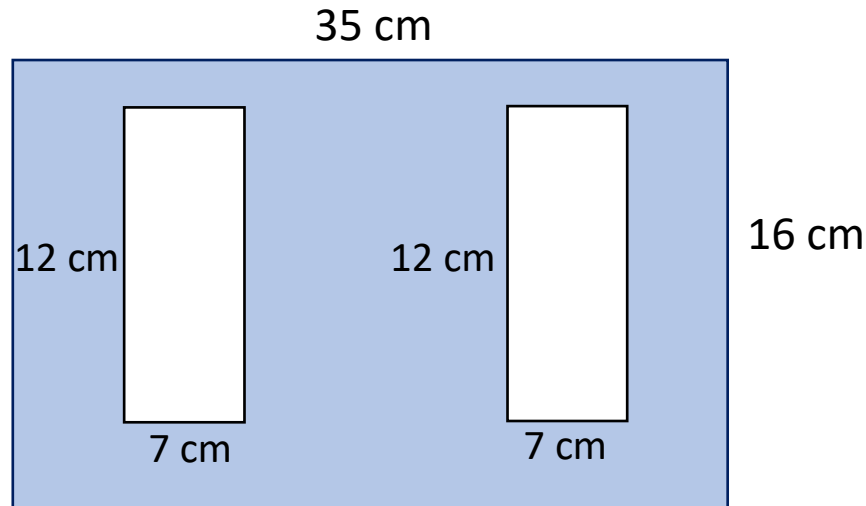
YOUR TURN

Have a go at the questions
1 - 4 on the worksheet





Tommy wants to find the area of the blue part of the rectangle.

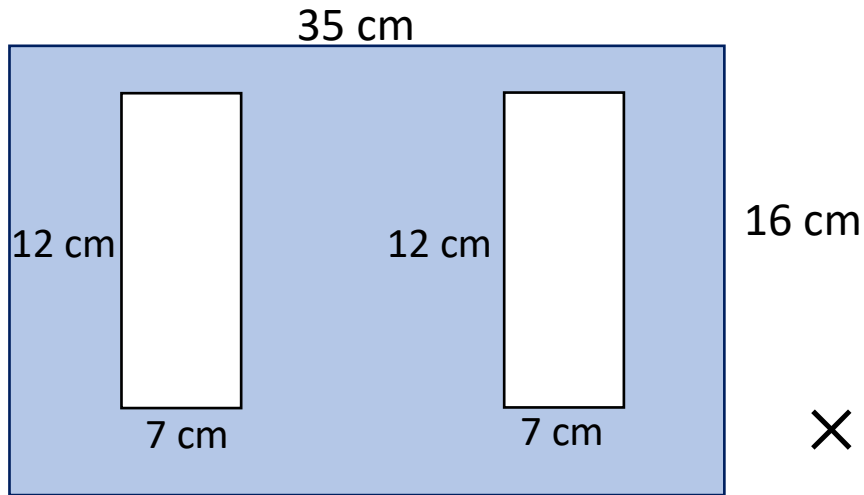


Have a think





Tommy wants to find the area of the blue part of the rectangle.



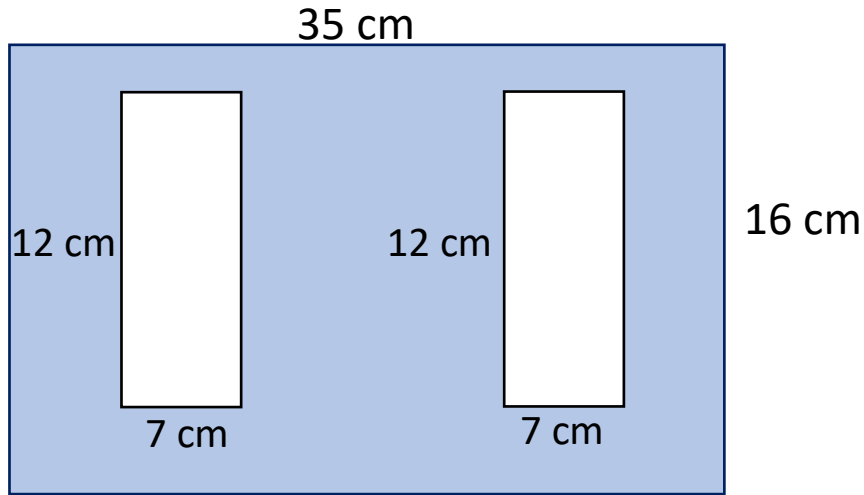
$$\begin{array}{r}
 35 \times 16 \\
 \begin{array}{|c|c|c|}
 \hline
 \text{H} & \text{T} & \text{O} \\
 \hline
 & 3 & 5 \\
 \hline
 & 1 & 6 \\
 \hline
 2 & 1 & 0 \quad (35 \times 6) \\
 \hline
 3 & 5 & 0 \quad (35 \times 10) \\
 \hline
 5 & 6 & 0 \\
 \hline
 \end{array}
 \end{array}$$

×

+



Tommy wants to find the area of the blue part of the rectangle.



$$35 \times 16 = 560$$

$$12 \times 7 = 84$$

$$84 \times 2 = 168$$

$$560 - 168 = 392 \text{ cm}^2$$

YOUR TURN

Have a go at the questions
5 and 6 the worksheet

