

# Multiply 2-digits by 2-digits

1 Complete the multiplications.

a)  $6 \times 6 = \boxed{36}$

d)  $7 \times 9 = \boxed{63}$

$6 \times 60 = \boxed{360}$

$7 \times 90 = \boxed{630}$

b)  $12 \times 8 = \boxed{96}$

e)  $21 \times 4 = \boxed{84}$

$12 \times 80 = \boxed{960}$

$21 \times 40 = \boxed{840}$

c)  $32 \times 3 = \boxed{96}$

f)  $48 \times 3 = \boxed{144}$

$32 \times 30 = \boxed{960}$

$48 \times 30 = \boxed{1,440}$

How did you work out your answers?



2 Fill in the missing numbers.

a)

			4	3	
	x		1	3	
			1	2	9
			4	3	0
			5	5	9

(43 × 3)  
(43 × 10)

c)

			2	1	
	x		2	5	
			1	0	5
			4	2	0
			5	2	5

(21 × 5)  
(21 × 20)

b)

			2	1	
	x		1	6	
			1	2	6
			2	1	0
			3	3	6

( $\boxed{21} \times \boxed{6}$ )  
( $\boxed{21} \times \boxed{10}$ )

3 Mo is calculating  $34 \times 23$

Here is his working.

		3	4	
x		2	3	
		1	0	2
		6	8	
		1	7	0

What mistake has Mo made?

What is the correct answer?

You may use the blank grid for your workings.

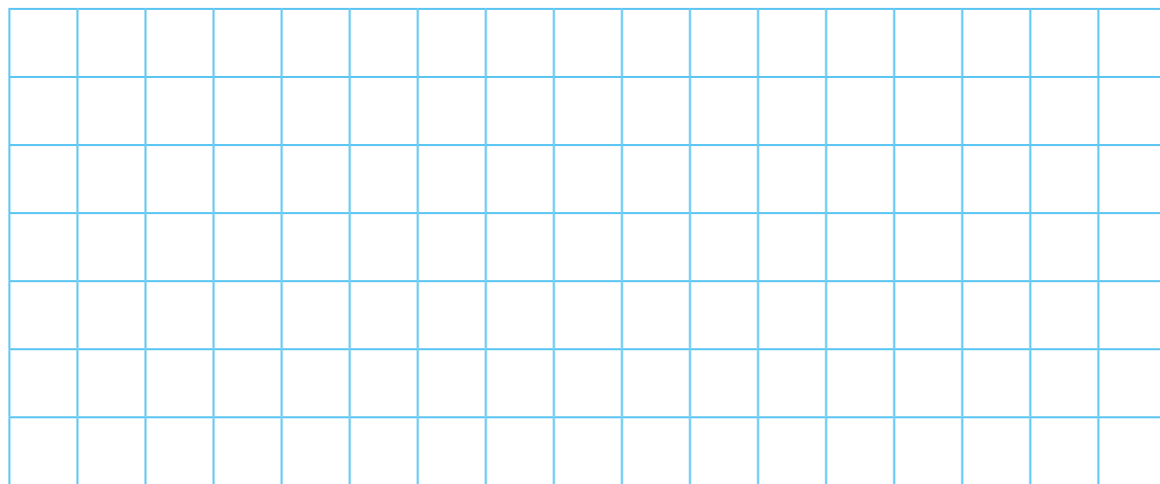
		3	4		
x		2	3		
		1	0	2	
		6	8	0	
		7	8	2	



4 Work out the multiplications.

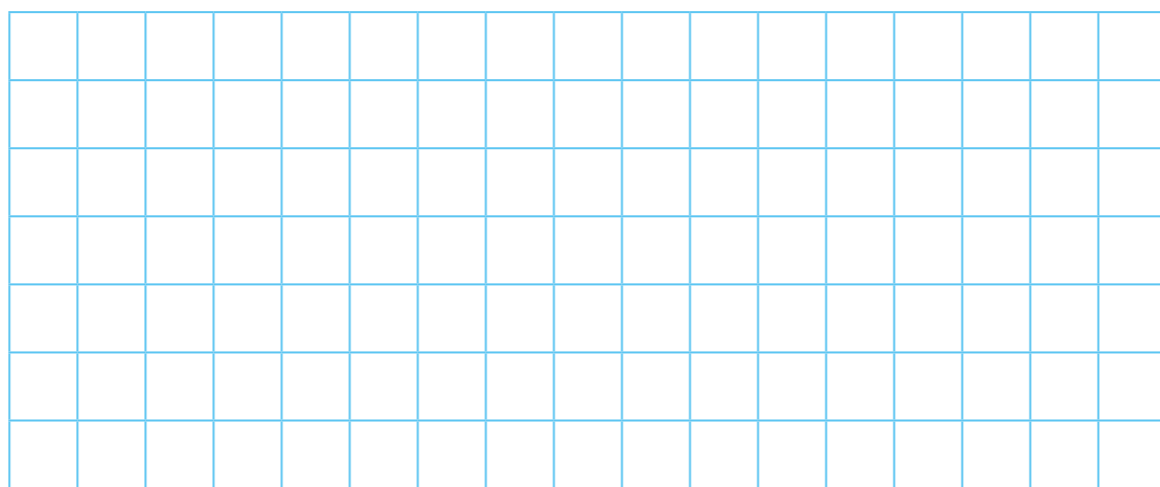
a)  $52 \times 34 =$  1,768

c)  $46 \times 64 =$  2,944



b)  $22 \times 56 =$  1,232

d)  $47 \times 63 =$  2,961

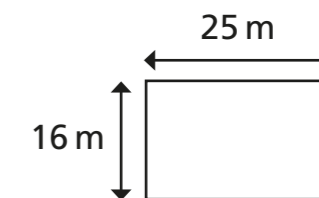
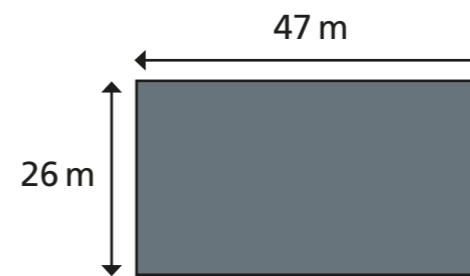


5 A machine prints 92 labels every minute.

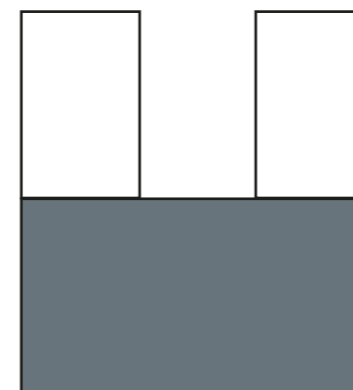
How many labels will it print in three-quarters of an hour?

4,140

6 Here are two rectangles.



a) What is the area of this compound shape?



2,022m<sup>2</sup>

b) What is the area of the shaded part?



822m<sup>2</sup>

Compare methods and answers with a partner.  
What is the same and what is different?

