

Multiply 2-digits by 2-digits

1 Complete the multiplications.

a) $6 \times 6 =$ 36

d) $7 \times 9 =$ 63

$6 \times 60 =$ 360

$7 \times 90 =$ 630

b) $12 \times 8 =$ 96

e) $21 \times 4 =$ 84

$12 \times 80 =$ 960

$21 \times 40 =$ 840

c) $32 \times 3 =$ 96

f) $48 \times 3 =$ 144

$32 \times 30 =$ 960

$48 \times 30 =$ 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

(21 × 6)

(21 × 10)

3 Mo is calculating 34×23

Here is his working.

		3	4
x		2	3
		1	0
		6	8
		1	7

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

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

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

[illegible]

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

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

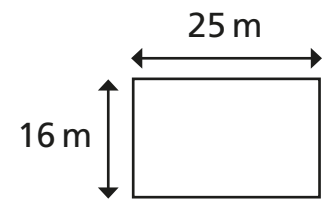
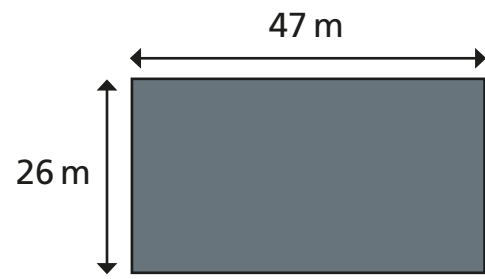
[illegible]

5

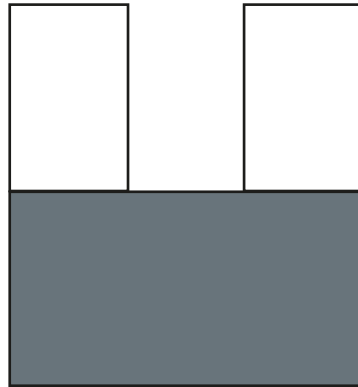
How many labels will it print in three-quarters of an hour?

4,140

6



a) What is the area of this compound shape?



$2,022 \text{ m}^2$

b) What is the area of the shaded part?



$$822 \text{ m}^2$$

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