



## Important Information



*"Oak National Academy is a new collection of high-quality lessons and online resources. Backed by the Government, it has been created in response to the coronavirus lockdown.*

*Their online classroom offers free access to great teachers, delivering video lessons, quizzes and worksheets. Available for both primary and secondary levels, it covers a range of subjects. All of the lessons are ordered so your child can learn along a clear plan. They'll provide new lessons and resources each week.*

*Oak National Academy will fit alongside other resources such as BBC Bitesize to offer a structure for the day for children until schools fully reopen.*



*Oak National Academy was built at speed; at present their resources are for pupils who usually access their schools' curriculum in mainstream education, from reception through to year 10, without significant support or adaptation. They're currently working on providing support for teachers working with pupils with additional needs, and teachers based in specialist settings. Next week they hope to launch materials for pupils not able to access all aspects of their current offer."* Information taken from the Oak National Academy website (<https://www.thenational.academy/information-for-parents-pupils/> )

The Oak National Academy lessons can be accessed here: <https://www.thenational.academy/online-classroom>

**As you are aware, at Victoria Dock Primary School we provide a home learning pack every week which is created by our class teachers. Although we have these plans already in place, we understand that some families may prefer to work from the materials made available through the Oak National Academy. This is absolutely fine and we are thrilled to see so many children learning at home and taking the opportunity to also do all kinds of things at home which are not usually taught in the classroom.**

**Feel free to continue to use our home learning grids (like the one below) or the lessons provided by the Oak National Academy. Either way, we would love you to keep in touch and show us the wonderful things you are doing at home, using Seesaw, ClassDojo or Twitter. Stay safe and we look forward to returning to school to see everyone's smiling faces.**

**Home Learning Grid for Year 4/5**  
 Week Commencing – 4.5.20  
 Work to be completed in home learning books

	1	2	3	4
<b>Spelling</b>	Spelling activity 1	Synonym task Find 3 of the best synonyms for each word. Write sentences containing your new synonyms.	Have a go at some of these spelling games. <a href="https://www.bbc.co.uk/bitesize/topics/zt62mnb">https://www.bbc.co.uk/bitesize/topics/zt62mnb</a>	Spelling activity 2
<b>Reading</b>	Create a video of you telling a 'bedtime story'. Upload to Seesaw.	Comprehension 1 Read the text and complete the questions	Comprehension 2 Read the text and complete the questions	Comprehension 3 Read the text and complete the questions
<b>Writing</b>	Write a diary about what you have done this week.	Describe the setting in writing task 2. Think of as many ways to describe the setting. Think about your senses.	Write an adventure story that will happen in the setting you described in task 2. Include speech in your story.	Make something at home and write a detailed set of instructions to help somebody else make it.
<b>Maths</b>	Complete lesson 1 for the maths curriculum that you follow. Answers will be posted to seesaw.	Complete lesson 2 for the maths curriculum that you follow. Answers will be posted to seesaw.	Complete lesson 3 for the maths curriculum that you follow. Answers will be posted to seesaw.	Complete lesson 4 for the maths curriculum that you follow. Answers will be posted to seesaw.
	Can you set a new high score on Timetable Rockstars?		Can you set a new high on Mangahigh?	
<b>Challenge</b>	<u>PowerPoint</u> Create an information PowerPoint presentation about VE Day	 <u>VE Day Songs</u> Try and learn the Horrible Histories <a href="https://www.bbc.co.uk/cbbc/watch/horrible-histories-songs-ve-day-song?collection=horrible-histories-songs">VE Day song</a> and perform it to your family. <a href="https://www.bbc.co.uk/cbbc/watch/horrible-histories-songs-ve-day-song?collection=horrible-histories-songs">https://www.bbc.co.uk/cbbc/watch/horrible-histories-songs-ve-day-song?collection=horrible-histories-songs</a>	 <u>Winston Churchill</u> Produce a fact file/ poster displaying your information. Who was Winston Churchill? Why do we remember him today? What was his job? Why was he so important during WW2? What was one of his famous phrases? Can you describe his characteristics? Why he was important?	<u>Bunting</u> Create your own Union Jack bunting and decorate a window or area in your home to celebrate VE day

## Silent Letters Word Activity Mat

1. How many silent letter patterns can you think of? Write them in the space below with an example for each. One has been done for you.

**mn - hymn**

2. Underline the silent letters in the following words:

**wrinkle debt rhubarb lamb knight guitar**

3. Add in the missing silent letters in the following words:

**bom\_ so\_ten s\_ience**

**g\_ost s\_ord \_nome**

4. How many words can you think of that have the spelling pattern 'wr'? Write them in the space below.

5. How many words can you think of that have the spelling pattern 'kn'? Write them in the space below.

6. Trace the word 'baguette' and underline the silent letter.

baguette

7. Fill in the gaps in the sentences below with a word with a silent letter:

**I never tell lies because I am a very \_\_\_\_\_ person.**

**The doctor gave me a cream to \_\_\_\_\_ my hand so that I wouldn't feel the needle.**

**My granny taught me how to \_\_\_\_\_ so I have made a scarf.**

## Silent Letters Word Activity Mat

1. Write a definition for the word: **miscellaneous**.  
Underline the silent letter.

**miscellaneous**

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2. Underline the silent letters in the following words:

**wrong thumb vehicle calm design built**

3. Add in the missing silent letters in the following words:

**whis\_le yo\_k w\_at**  
**\_neel tong\_e orc\_id**

4. How many words can you think of that have the spelling pattern 'gn'? Write them in the space below.

5. How many words can you think of that have the spelling pattern 'mb'? Write them in the space below.

6. Trace the word 'colleague' and underline the silent letter.

colleague

7. Fill in the gaps in the sentences below with a word with a silent letter:

**When I am in Italy, I love to eat \_\_\_\_\_.**

**We are currently shooting \_\_\_\_\_ one of the film.**

**The bell wasn't working so I \_\_\_\_\_ on the door instead.**

# VE Day

## What is VE Day?

VE Day stands for Victory in Europe Day and is celebrated on 8th May. It was the end of six years of suffering, misery and courage during the Second World War in Europe. Although it was not the end of the Second World War, it was the end of warfare in Europe.

## How did it happen?

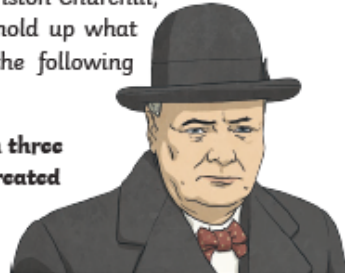
On the morning of 7th May, 1945, following Hitler's death in the April, the German President of the Third Reich, Grand Admiral Donitz, gave orders that General Jodl should go to the American Head Quarters based in France. Jodl surrendered on behalf of the Germans, to the Western and Russian officers, and agreed to all their demands.

## The Announcement

The British people began celebrating as soon as they heard the news. Although no official announcement had been made, bell ringers in the churches around the country, were on standby to ring out the good news when an official notice was given.

Joseph Stalin, the leader of the Russians, was taking his time to announce the surrender, but the British Prime Minister, Winston Churchill, did not want to give Stalin the chance to hold up what everyone already knew! Churchill made the following announcement at 19.40, 7th May.

**"In accordance with arrangements between three great powers, tomorrow, Tuesday, will be treated as Victory in Europe Day and will be regarded as a holiday."**



## The Effects of War

In Britain, during the war in Europe, half a million homes were destroyed, thousands of ordinary people were killed and millions of lives had been torn apart.

# VE Day



## Did you know ...?

The three great powers were Britain, France and the Soviet Union, now known as Russia.

## Bring on the Celebrations!

People began decorating the streets with banners, bunting and ribbons. They organised street parties where neighbours shared food, which was still rationed, and listened to the radio news broadcasts.

King George VI and the Queen appeared eight times on the balcony of Buckingham Palace, and their two daughters, Princess Margaret and Princess Elizabeth – who is now Her Majesty the Queen –

walked amongst the crowds! Churchill told the crowds, "This is your victory!"

Churchill spoke to the nation, reminding them that although Japan still had to be defeated, and the war was not yet over, for now Great Britain "May allow ourselves a brief period of rejoicing. God Save the King!"

## The End of the VE Day

At 21:00, King George VI made a final broadcast to the nation. Buckingham Palace was lit up in floodlights for the first time since the start of the war, and two searchlights formed a V, the sign of peace, above St Paul's Cathedral in London.

All the lights were turned off again the next day.



Although everyone was pleased the war in Europe had ended, for many the celebrations would have been a sad reminder of the loss of many loved ones. They would have been fighting abroad, caught by the enemy or died in air raids attacks. This meant that many did not completely feel the lasting joy of the time.

# Questions

1. In detail, explain what the VE Day ended.

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2. What did General Jodl do?

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3. What does 'the bell ringers were on standby' mean?

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4. Explain, in your own words, the effects of war in Europe, on Britain.

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5. What did Stalin do, and how did this affect Britain?

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6. What date was VE Day?

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7. Name two ways people might have lost loved ones during the war in Europe.

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8. Describe how people celebrated VE Day.

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9. Why do you think the author has used an exclamation mark when commenting on the princesses walking around in the crowds in London?

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10. Was this the end of the war? Explain your thoughts.

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11. Why do you think two searchlights were lit in the shape of a V?

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**Iron Man Trailer - <https://youtu.be/8hYIB38asDY>**

- 1) Tony Stark asks, “is it better to be feared or respected?” Define,
  - Feared
  - Respected
- 2) What is the name of Tony Stark’s missile system?
- 3) Do you think that Tony Stark is a ‘humble’ man? Explain your answer.
- 4) Pause at 47 seconds – How do you think the men pictured are feeling here? Explain your answer fully.
- 5) What does Tony Stark mean when he says to Miss Potts “vacations over”?
- 6) How do you think Tony Stark feels as he begins to master flying in the Iron Man suit?
- 7) Pause at 1.33 - How might his feelings about flying change as he crashes when flying?
- 8) Why is the fire extinguisher going off as Tony Stark is led down following the crash humorous?
- 9) Tony Stark says, “there has been speculation that I’m parading around as a superhero.” What do you think the word ‘speculation’ means?
- 10) Does this trailer make you want to watch the movie? Explain fully.
- 11) Summarise this trailer in 3 words.

### Comprehension 3

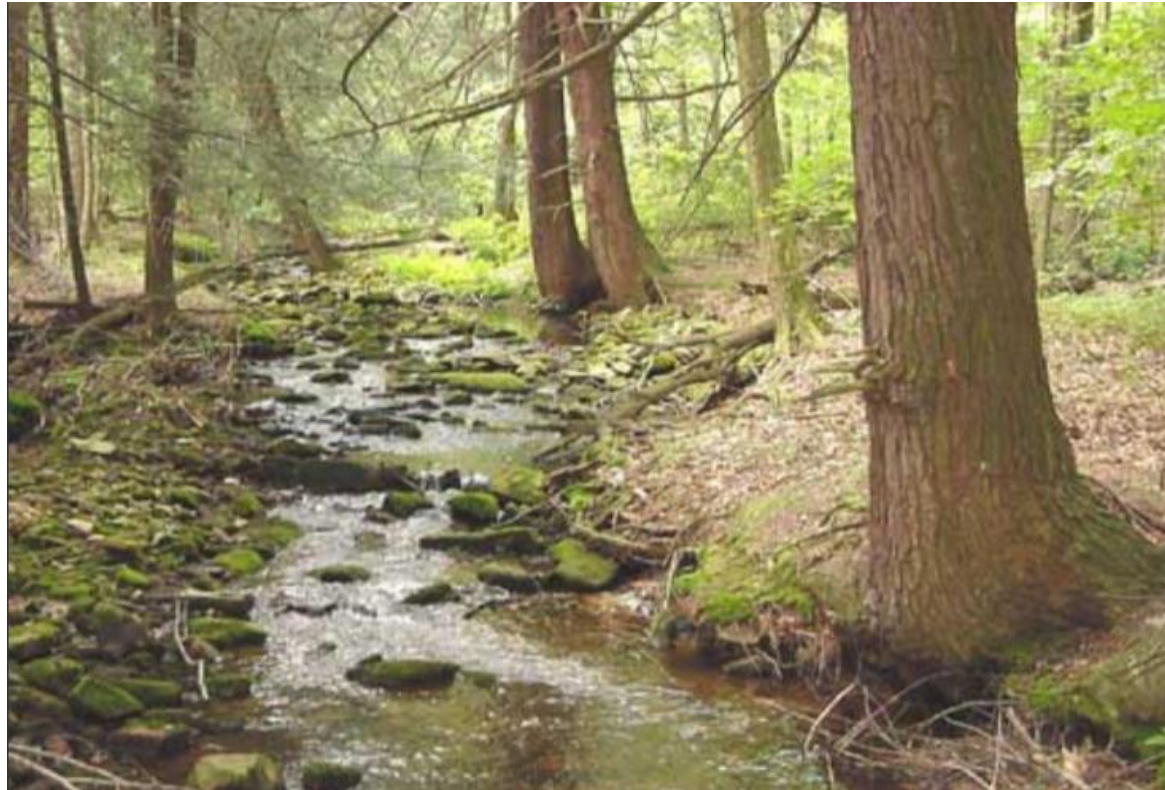
**Iguana vs Snakes** - <https://www.youtube.com/watch?v=Rv9hn4IGofM>



1. What can snakes detect to compensate for their eyes not being very good?
2. What must the hatchling do to avoid detection?
3. What do you think the word 'detection' means?
4. The iguana is called a 'hatchling.' What does this tell us?
5. Pause at 58 seconds – Which word best describes how the iguana might be feeling here? Explain your choice.
  - Calm
  - Sleepy
  - Nervous
  - Hungry
6. What happens when the iguana decides to run? How does this make you feel?
7. Pause at 1.29 – How do you think the iguana is feeling here? Why?
8. Pause at 1.33 – How do you think the snake is feeling here? Why?
9. Sir David Attenborough describes the escape as, "near miraculous." What do you think he means with this phrase?
10. Describe the feeling of the iguana at the end of the clip in a single word. Explain your choice.
11. Order these events from the clip from 1 – 5. One has been done for you.
  - The iguana climbs to safety. —
  - A snake captures the iguana. 3
  - The iguana stays still whilst a snake approaches. —
  - The iguana decides to run. —
  - The iguana escapes the snakes grasp. —
12. Summarise this clip in a sentence.



**Writing task 2** - Create a spider diagram to describe the setting in the picture. Then write a paragraph about the setting .



Synonym task

Find 3 of the best synonyms for each word. Write sentences containing your new synonyms.

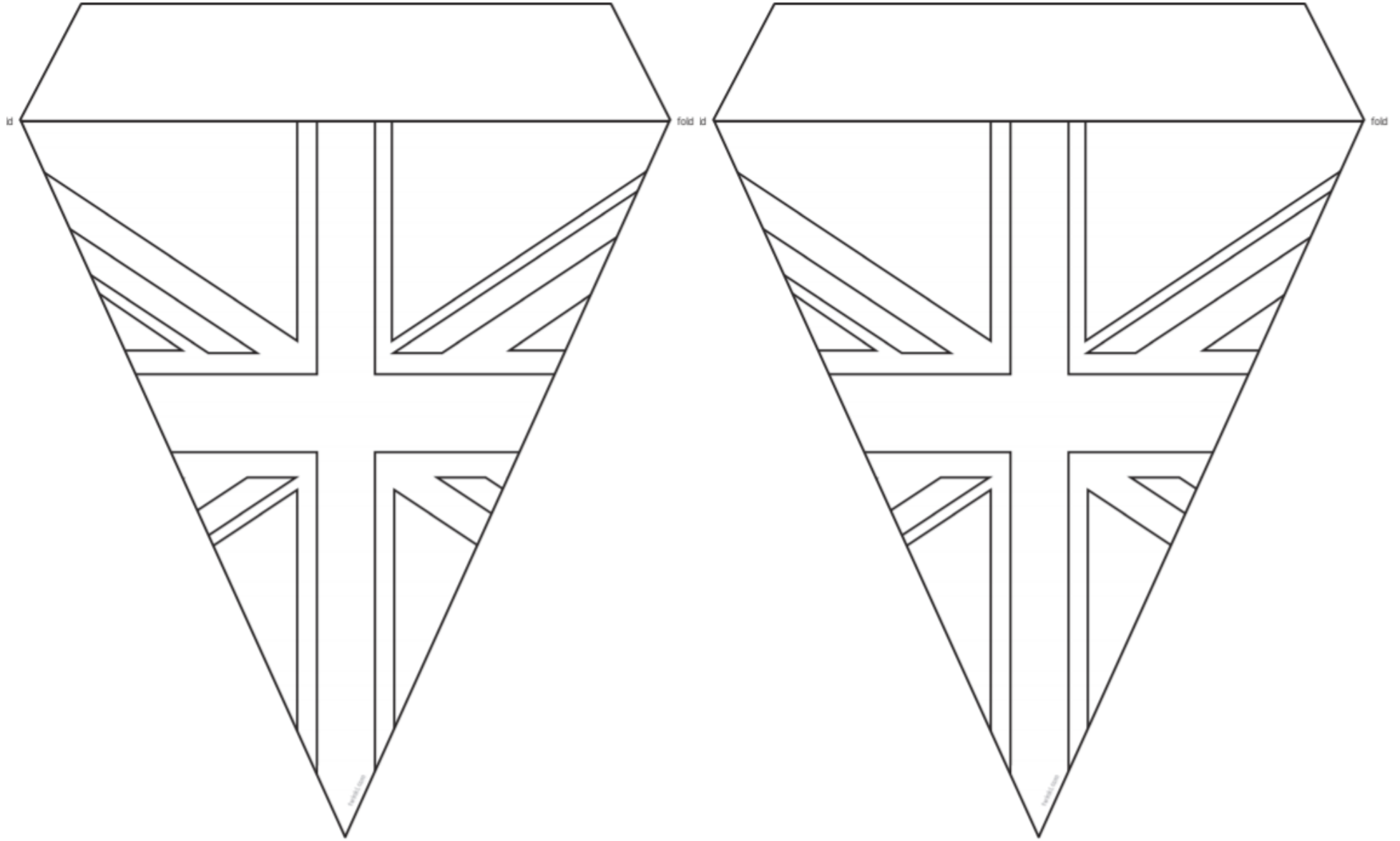
Soft \_\_\_\_\_

Hard \_\_\_\_\_

Happy \_\_\_\_\_

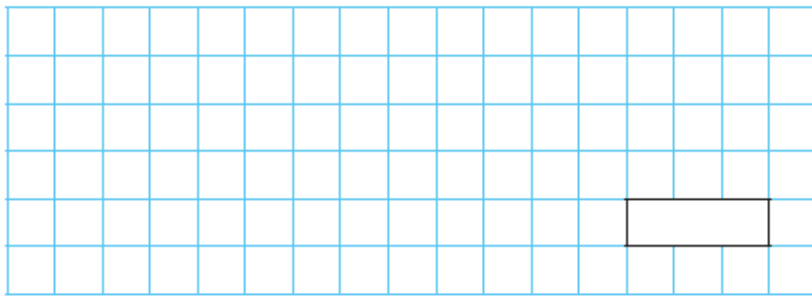
Sad \_\_\_\_\_

VE Day bunting





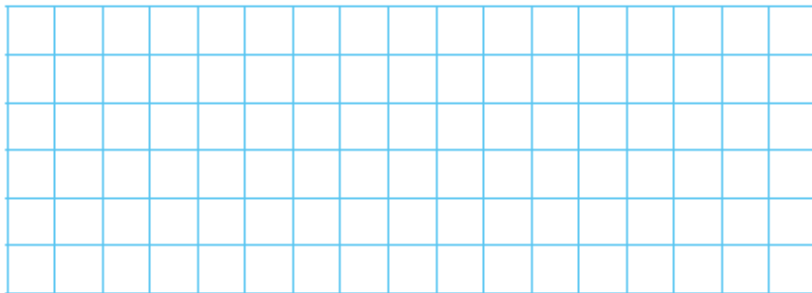
Use Dani's method to work out  $3 \times 27$



4 Use a written method to complete the multiplications.

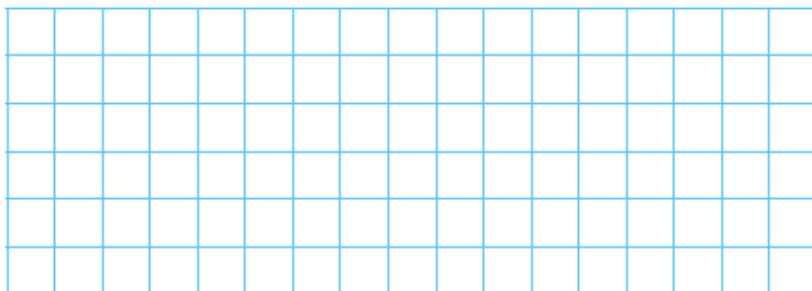
a)  $38 \times 6 =$

c)  $45 \times 9 =$



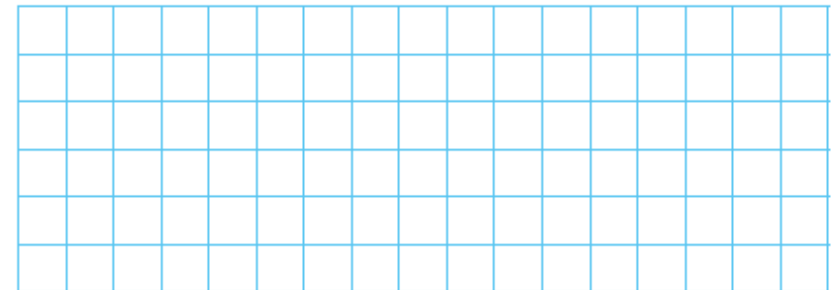
b)  $71 \times 3 =$

d)  $52 \times 5 =$



e)  $29 \times 8 =$

f)  $17 \times 4 =$



5 Class 4 is selling tickets for a play.

Tickets cost £5 per person.

56 tickets have been sold so far.

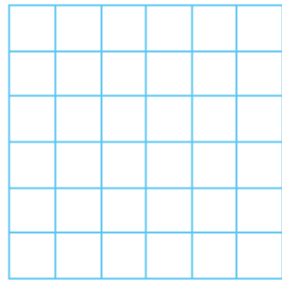
How much money has Class 4 collected?

6 Rosie buys 8 bunches of flowers. Each bunch has 17 flowers.  
How many flowers does she have altogether?

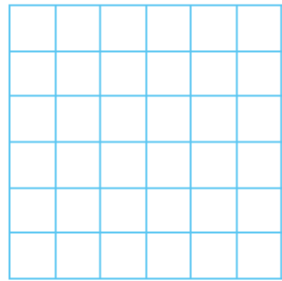




e)  $3 \times 240$



f)  $7 \times 131$



- 5 A lorry driver travels 156 km per day.  
How many kilometres will the lorry driver have travelled after 3 days?

- 6 Ron and Teddy are working out  $5 \times 245$



Ron

I know the answer will be greater than 1,000 because I know  $5 \times 200$  is 1,000

I know the answer should end in 5 because I know  $5 \times 5$  is 25



Teddy

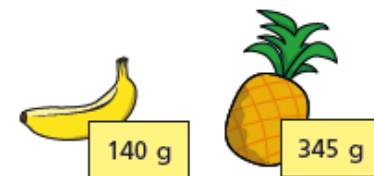
- a) Who is correct? Circle your answer.

Ron      Teddy      both      neither

- b) Use a written method to work out  $5 \times 245$

- 7 There are 7 year groups in a school.  
There are 112 children in each year group.  
How many children are there in the whole school?

- 8 A banana weighs 140 g  
A pineapple weighs 345 g



- Bag A contains 8 bananas and bag B contains 3 pineapples.  
Which bag weighs more and by how much?  
Show your working.

Bag \_\_\_\_\_ weighs  g more than bag \_\_\_\_\_.

## Divide 2-digits by 1-digit (2)

1 Whitney is working out  $49 \div 4$  using a place value chart.

Tens	Ones

a) Talk about Whitney's method with a partner.

b) Why is there one counter left over?

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c) Complete the division.

$$49 \div 4 = \square$$

d) Use place value counters to complete the divisions.

$$50 \div 4 = \square$$

$$51 \div 4 = \square$$

What do you notice?

2 Complete the divisions.

a)  $47 \div 3 = \square$

e)  $49 \div 6 = \square$

b)  $26 \div 5 = \square$

f)  $47 \div 4 = \square$

c)  $89 \div 4 = \square$

g)  $74 \div 3 = \square$

d)  $32 \div 5 = \square$

h)  $81 \div 7 = \square$

3 Complete the divisions.

a)  $36 \div 4 = \square$

c)  $45 \div 3 = \square$

$37 \div 4 = \square$

$46 \div 3 = \square$

$38 \div 4 = \square$

$47 \div 3 = \square$

$39 \div 4 = \square$

$48 \div 3 = \square$

$40 \div 4 = \square$

$49 \div 3 = \square$

b)  $70 \div 5 = \square$

d)  $92 \div 4 = \square$

$71 \div 5 = \square$

$91 \div 4 = \square$

$72 \div 5 = \square$

$90 \div 4 = \square$

$73 \div 5 = \square$

$89 \div 4 = \square$

$74 \div 5 = \square$

$88 \div 4 = \square$

4 Dora has been working out some divisions.

$$\begin{aligned}72 \div 4 &= 18 \\73 \div 4 &= 18 \text{ r}1 \\74 \div 4 &= 18 \text{ r}2 \\75 \div 4 &= 18 \text{ r}3\end{aligned}$$



I know without working it out that  $76 \div 4$  must be  $18 \text{ r}4$

a) Why does Dora think this?

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b) Explain why Dora is wrong.

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5 Eggs come in boxes of 6

Annie has 75 eggs.

She wants to know how many boxes she can fill.



a) Complete the division to work it out.

$$\square \div \square = \square \text{ r} \square$$




b) What does the remainder represent?

Talk about it with a partner.

c) Complete the sentence.

Annie can fill  boxes with  eggs left over.

6 Jack has these bulbs.

	Daffodils 49
	Tulips 63
	Crocuses 98

Equal numbers of each bulb are put into 4 tubs.

How many of each bulb will be in each tub?

Daffodils  Tulips  Crocuses

How many of each bulb will be left over?

Daffodils  Tulips  Crocuses

How many tubs could Jack use so that there are no bulbs left over?

# Divide 3-digits by 1-digit

1 Jack is working out  $844 \div 4$  using a place value chart.

H	T	O

a) Talk about Jack's method with a partner.

b) Complete the division.

$$844 \div 4 = \square$$

2 Use Jack's method to work out these divisions.

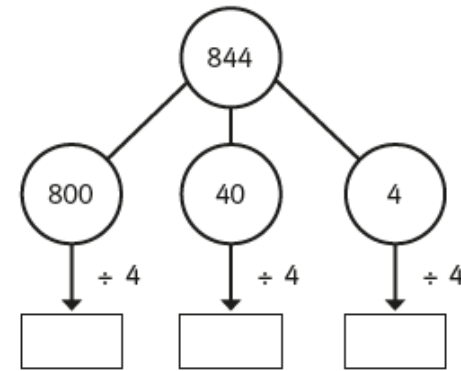
a)  $525 \div 5 = \square$

c)  $840 \div 8 = \square$

b)  $636 \div 6 = \square$

d)  $903 \div 3 = \square$

3 Eva is working out  $844 \div 4$  using a part-whole model.



Complete Eva's method.

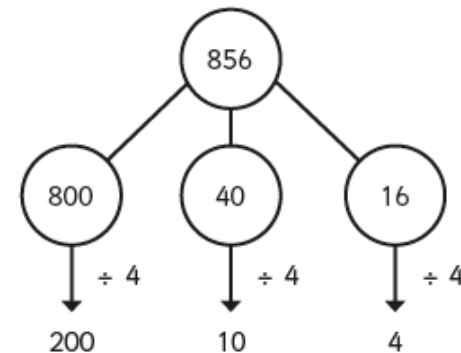
$$844 \div 4 = \square$$

4 A ball of string is 848 cm long.

It is cut into 4 equal pieces.

What is the length of one piece of string?

5 Whitney is using flexible partitioning to divide a 3-digit number.



Could Whitney have partitioned her number another way?

Use Whitney's method to work out these divisions.

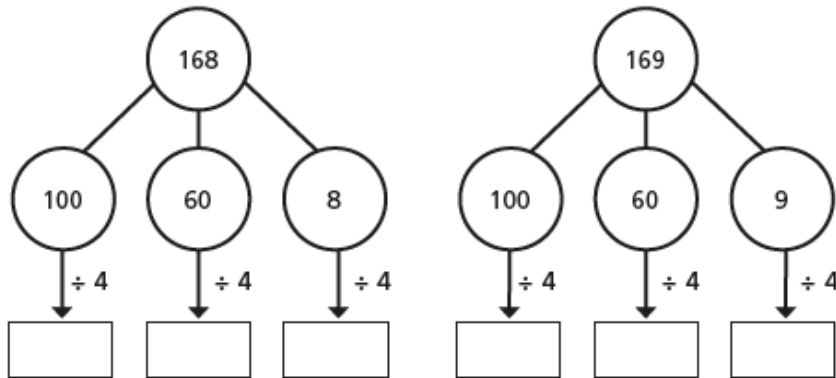
a)  $585 \div 5 = \square$

c)  $648 \div 4 = \square$

b)  $672 \div 6 = \square$

d)  $847 \div 7 = \square$

6 Complete the part-whole models and divisions.



$168 \div 4 = \square$

$169 \div 4 = \square$

What is the same and what is different about the calculations?

Talk about it with a partner.

7 Complete the divisions.

a)  $258 \div 6 = \square$

c)  $864 \div 4 = \square$

b)  $623 \div 5 = \square$

d)  $824 \div 3 = \square$

8 Eva has a piece of ribbon.



The ribbon measures 839 cm long.

How much ribbon would be left over if she cuts it into:

a) 4 equal pieces

b) 6 equal pieces

c) 8 equal pieces

Can Eva cut the ribbon into equal pieces with no ribbon left over?

Explain your answer.

9 Use 15 counters and a place value chart.

a) Make a number that is divisible by 3

b) Make a number that has a remainder of 1 when divided by 3

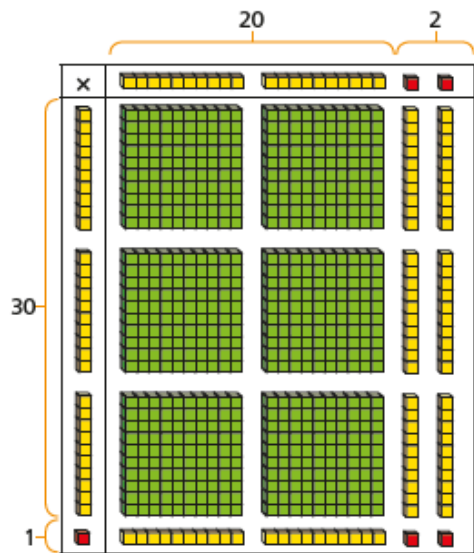
c) Make a number that has a remainder of 2 when divided by 3

Create your own problem like this for a partner.



# Multiply 2-digits (area model)

- 1 Kim is using base 10 to work out  $31 \times 22$   
Use Kim's model to help you complete the sentences.

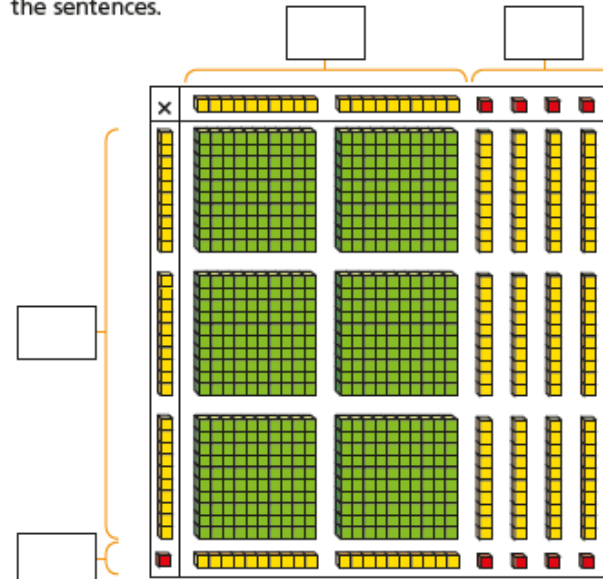


There are  ones altogether.  
 There are  tens altogether.  
 There are  hundreds altogether.  
 $31 \times 22 =$

- 2 Use base 10 to work out the multiplications.  
 a)  $12 \times 14 =$        b)  $23 \times 13 =$



- 3 Amir is using base 10 to calculate  $31 \times 24$   
a) Add the missing information to the area model and complete the sentences.

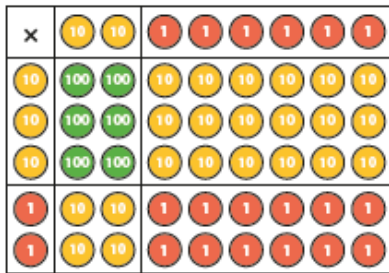


There are  ones altogether.  
 There are  tens altogether.  
 There are  hundreds altogether.

- b) Describe any exchanges you need to make.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 c) Complete the multiplication.  
 $31 \times 24 =$

- 4 Use base 10 to work out these multiplications.  
 a)  $25 \times 15 =$        b)  $36 \times 12 =$

- 5 Use the place value counters to complete the multiplication grid and sentence.



x	20	6
30		
2		

$$26 \times 32 = \square$$

- 6 Use an area model to help you complete the multiplication.

a)  $28 \times 14 = \square$

c)  $35 \times 22 = \square$

x	20	8
10		
4		

b)  $27 \times 16 = \square$

d)  $45 \times 36 = \square$

x		

- 7 Complete the multiplications.

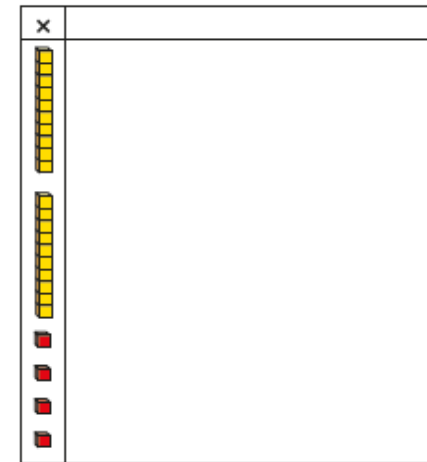
$$21 \times 24 = \square$$

$$31 \times 25 = \square$$

$$18 \times 26 = \square$$

- 8  $24 \times \square = 768$

Complete the area model to find the missing number.



- 9 Use each digit card once to write a multiplication.



$$\square \times \square = \square$$

How many different answers can you find?

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How many products are there between 1,000 and 1,500?

# Multiply 4-digits by 2-digits

1 Complete the multiplication.

		1	2	3	4
x				2	1
		1	2	3	4
		2	4	6	8

(1,234 × )

(1,234 × )

2 Tommy is calculating  $1,234 \times 26$

a) Complete his working out.

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

( × )

( × )

b) Fill in the grid to check Tommy's working is accurate. You may use place value counters to help.

x	1,000	200	30	4
20				
6				



3 Rosie is calculating  $2,541 \times 42$ . Here is Rosie's working.

2	5	4	1
x		4	2
<hr/>			
4	0	8	2
<hr/>			
8	0	6	4
<hr/>			
1	2	1	4
	6		

a) Rosie has made two mistakes. What are they?

\_\_\_\_\_

\_\_\_\_\_

b) What is the correct answer?


4 Work out the multiplications.

a)  $4,284 \times 23$

b)  $2,142 \times 46$


What do you notice?



# Divide with remainders

- 1 a) Circle the groups of 3 to help complete the sentences and calculation.

The first step has been done for you.

Th	H	T	O

		1			
3	3	9	3	8	

There is  group of 3 thousands.

There are  groups of 3 hundreds.

There is  group of 3 tens.

There are  groups of 3 ones.

There are  ones left over.

$3,938 \div 3 =$   remainder



- b) Use place value counters to work out  $8,407 \div 4$

Th	H	T	O

		4	8	4	0	7

$8,407 \div 4 =$   remainder

- 2 a) Complete the divisions.

Use place value counters to help you.

		3	7	5	9	5

		4	8	5	6	7

		5	6	5	6	2

		3	3	9	3	5

- b) Write  $<$ ,  $>$  or  $=$  to complete the statements.

$7,595 \div 3$    $8,567 \div 4$

$6,562 \div 5$    $3,935 \div 3$



- 3 Write the calculations in the correct column of the table.

$5,066 \div 4$	$9,513 \div 4$	$1,234 \div 4$
$6,562 \div 4$	$6,563 \div 4$	$9,515 \div 4$

Remainder of 1	Remainder of 2	Remainder of 3	Remainder of 4

Are any columns empty? Talk to a partner about why this has happened.

4

$7,816$	$7,861$	$6,781$	$1,786$
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I know that if I divide these numbers by 5 the remainder will be 1



Is Eva correct? \_\_\_\_\_  
How do you know?

- 5 There are 459 children in a school.  
They are sitting at tables in groups of 7



We will need 65 tables.

Do you agree with Mo? \_\_\_\_\_  
Explain your answer.

- 6 Bags of crisps are put into multipacks of 6  
The multipacks are then packed into boxes of 8  
Yesterday, 6,500 bags of crisps were packed.  
How many boxes of crisps were packed?

7

2	3	4	5
□	□	□	□

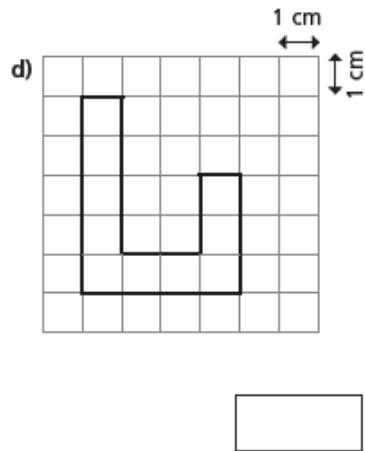
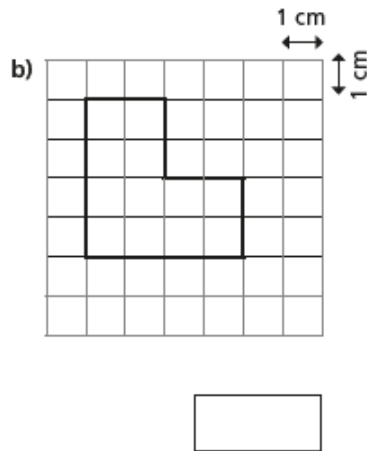
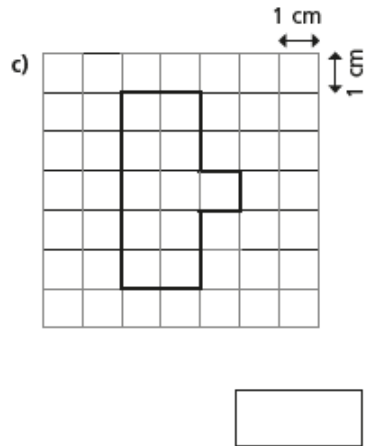
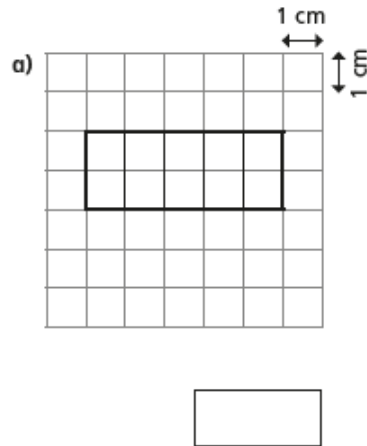
□ ÷ □

- a) How many ways can you complete the calculation using all the digit cards so that there is a remainder of 1?  
b) What do you notice?

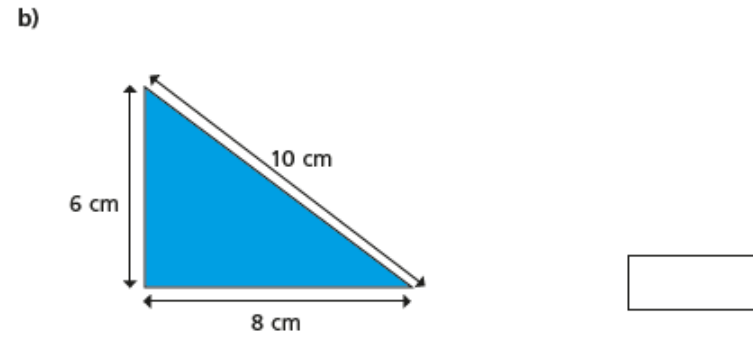
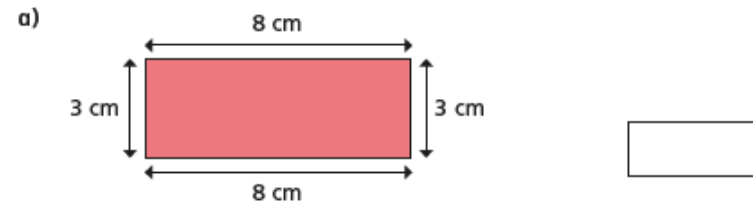
- 8 Dora is thinking of a number between 500 and 600  
When she divides it by a 1-digit number it has a remainder of 4  
What could Dora's number be?

# Calculate perimeter

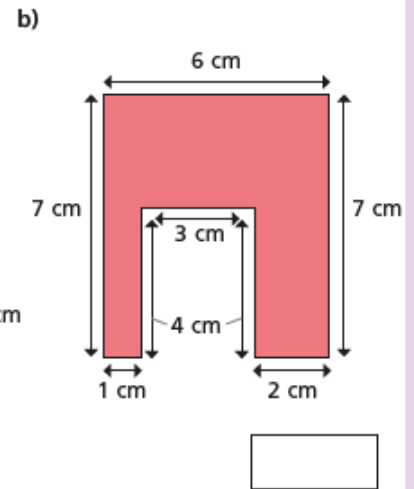
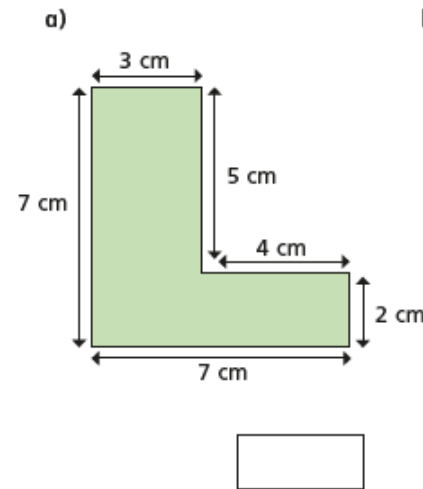
1 Calculate the perimeter of each shape.



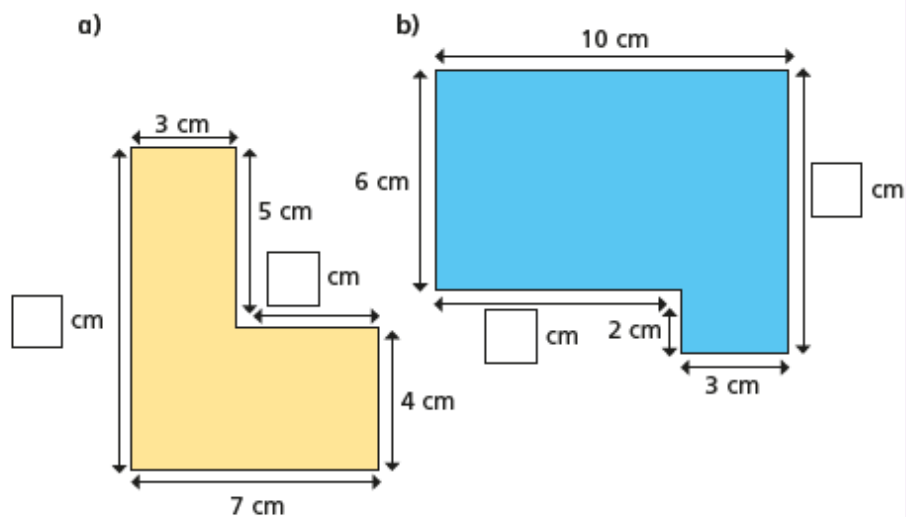
2 Calculate the perimeter of these shapes.



3 Calculate the perimeter of these shapes.

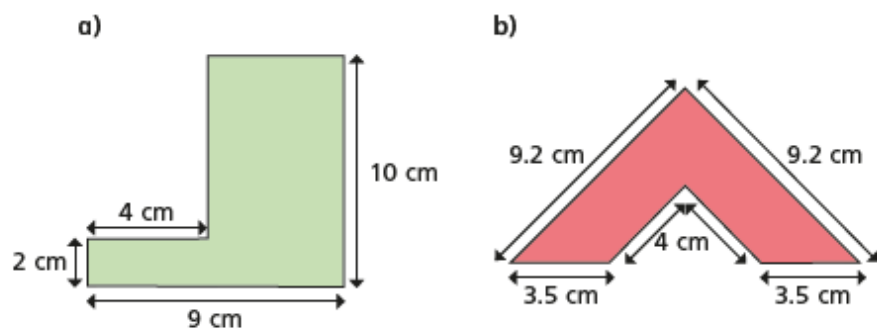


4 Work out the missing lengths on these shapes.



Discuss with a partner how you worked them out.

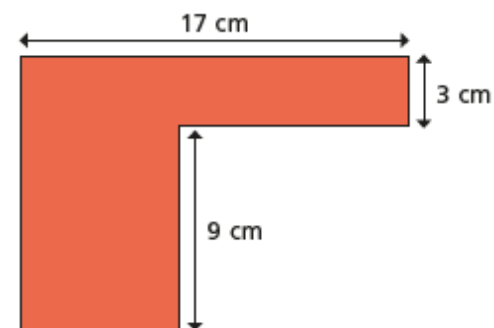
5 Calculate the perimeter of these shapes.





6 Mo thinks that there is not enough information to calculate the perimeter of the shape.

Is he correct? How do you know?




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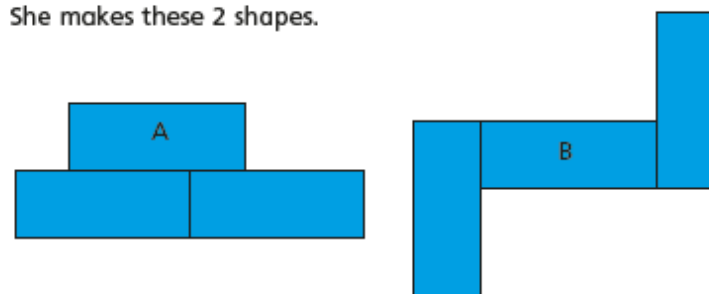


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7 Rosie is making shapes made up of 3 rectangles.

Each rectangle has a length of 10 cm and a width of 4 cm.

She makes these 2 shapes.



a) Which shape has the greatest perimeter? \_\_\_\_\_

b) What other shapes can you make with 3 rectangles?

What is the perimeter of the shapes?