



# Remote learning Year 6



## Thursday 11<sup>th</sup> February 2021

### Emotional Check-in

Emotional Check-In. Can you check in with a family member and discuss how you are feeling? You might feel worried, sad, happy, excited or tired. It is important to check in with your well-being before starting a new day of home learning.



Do not forget to record in your reading diary this morning. Can you use your reading diary prompts on the back page to make sure you write a detailed response? Audio books are also a great way to listen to stories!



At 9.40 each weekday, there are BBC live lessons suitable for Year 5/6. These are shown on TV on CBBC. The lessons last until 10:05 and cover a range of subjects including Maths, English and Science. You may want to tune in and watch some educational programmes that cover our curriculum!

**BBC**  
**Bitesize**

### Live lessons

**8:00 – 8:30** – Live Booster Session – Mr Duffy's Thursday Group

**8:40 – 8:55** – Registration. To get onto this, click the Teams file with your class name.

**9:00 – 9:30** – Maths Lesson

**9:30 – 10:00** – Complete Maths task set. During this, your Maths teacher will be available on Teams.

**10:00 – 10:30** – Blended Reading

**11:00 – 11:30** – English lesson

**11:30 – 12:00** – Complete English task set. As you do this, your teacher will be available on Teams for clinic.

**3:00 – 3:15** – Live story time

# Maths

## Hotch Potch

Have a go at these Hotch Potch questions to revise your key skills!

$$1) 632.7 - 46.53 =$$

$$2) 201 \times 42 =$$

$$3) 2 \times 5 \times 3.3 = 33$$

## Lesson

### Multiplying and dividing by 10, 100 and 1000

Use the My Maths link below to start your lesson with a quick re-cap of basic Maths Skills. As we are looking at **square and cube numbers** today in Maths, we would like you to head onto My Maths and revise **square and cube numbers**. Please follow the link below and have a look through the chapters.

[MyMaths Lesson - Squares and cubes](#)

## Square numbers

A square number is the product you get when a number is multiplied by itself.



$$5 \times 5 = 25$$

Can you explain why 25 is a square number?

25 is a square number because it is the product of 5 multiplied by 5.

**Where do square numbers get their name?**

Square numbers get their name from the square shape they can make.

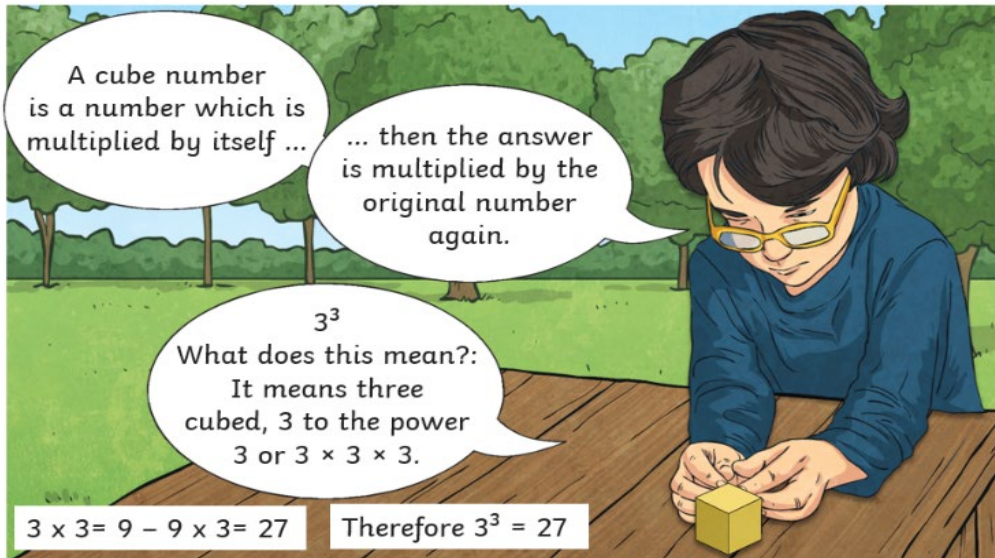


This square shows  $2 \times 2 = 4$

Decorative square numbers around the border:  $7^2$ ,  $9^2$ ,  $11^2$ ,  $6^2$ ,  $2^2$ ,  $4^2$

# Cube numbers

## Cubes



# Square and Cube Numbers

## Maths Mastery

Ring the square numbers.

1		4	17		89	144
	49			36		
75		101	81	123		9
				46		
100	25	66	16	121	12	64

Ring the cube numbers.

1		343		8		
	12				1000	125
89			50	81		
	64				1200	9
				27		
729	42	216	100		512	

Match the squared and cube numbers.

$2^2$

$6^2$

$3^2$

$7^2$

$11^2$

$9^2$

$12^2$

$1^2$

$4^2$

$5^2$

$8^2$

$49$

$25$

$121$

$216$

$144$

$16$

$64$

$125$

$1$

$81$

$9$

$27$

$36$

$8$

$4$

$1^3$

$4^3$

$6^3$

$3^3$

$2^3$

$5^3$

A. Complete the table.

$1^2$	$1 \times 1$	1
$2^2$		4
$3^2$	$3 \times 3$	
	$4 \times 4$	16
$5^2$		
		36
	$7 \times 7$	
$8^2$		
$10^2$		100

B. Complete the table.

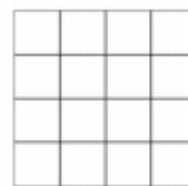
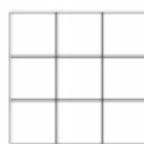
$1^3$	$1 \times 1 \times 1$	1
$2^3$	$2 \times 2 \times 2$	
$3^3$		27
	$4 \times 4 \times 4$	64
$5^3$	$5 \times 5 \times 5$	
$6^3$	$6 \times 6 \times 6$	
		343
$8^3$		512
	$9 \times 9 \times 9$	729
$10^3$		

C. Calculate the missing numbers.

a) $7^2 + 4^3 =$	b) $8^2 + 10^2 =$	c) $5^3 - 5^2 =$
d) $5^2 + \underline{\quad} = 89$	e) $\underline{\quad} - 8^2 = 17$	f) $3^2 \times 2^3 =$
g) $3^2 + \underline{\quad} = 5^2$	h) $6^3 \div 2^2 =$	i) $13^2 =$
j) $10^3 - 2^2 =$	k) $100^2 =$	l) $\underline{\quad}^2 = 144$

## Maths Mastery

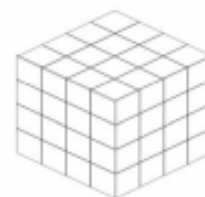
Write the number that is squared and the square number for each of these diagrams.



Number Squared: \_\_\_\_\_

Square Number: \_\_\_\_\_

Write the number that is cubed and the cube number for each of these diagrams.



Number Cubed: \_\_\_\_\_

Cube Number: \_\_\_\_\_

# Blended Reading

Have a go at the next 6 questions on the 'The Roman Record' extract we have read. Remember to look back through the text to help you with your answers.

- 5 Why is it surprising that the Romans had 'central heating, roads, apartment buildings and fast food eateries'? [1 mark]
- 6 What evidence is there in the text to support the idea that the Roman Empire was multiracial? [1 mark]
- 7 What would happen to a settlement if the Romans sowed salt into the earth? [1 mark]
- 8 'We're so civilized...'

How does the writer's representation of the Romans change towards the end of the extract? [2 marks]

- 9 The extract is presented in the style of a comedy newspaper. Find and copy **two** phrases that support this idea. [1 mark]
- 10 The extract has been presented as if it is written in the first person by Catullus the Elder. Why do you think the writer has done this? [2 marks]

## English

SPAG (Spelling, punctuation and grammar) practise...

a Can you rewrite this direct speech sentence with all the missing punctuation?

the shop assistant politely said that ll be six pounds exactly

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b Look at the homophone words within the brackets. Circle the correct word to fit the sentence:

Florence needed to repair the front (break/brake) on her bike before she could ride it again.

After the x-ray, the doctor told Samantha that she had a nasty (break/brake) in her arm.

f Insert commas around the relative clause in this sentence.

The war veterans who were now all in their eighties paraded proudly down the street.



Challenge yourself further by answering the questions on homophones in your SPaG CGP books. There are homophones questions on page 96.

For further revision on homophones, head to the Oak Academy website for an online lesson.  
[To investigate homophones \(thenational.academy\)](https://www.thenational.academy)



# Writing to persuade



Today is the day to begin writing your speech! You have gathered all the information you need, explored the persuasive writing techniques and you've written a paragraph by paragraph plan. Now it is time to write it all up! We do not expect that you will finish the speech today – you have tomorrow as well. Aim to write a few paragraphs of your speech, using interesting punctuation and vocabulary. Take time after you have finished to edit the work you have produced. Good luck - we are sure you will do a superb job!

## Fronted adverbials

**"Surely, you can agree..."**

**"Unbelievably, this product is on sale at the incredibly low price of..."**

## Opinion

**"I believe that we can make a difference."**

**"Animals don't deserve to be treated this way."**

## Rhetorical questions

**"Are you fed up with...?"**

## Emotion

**"Every year, thousands of helpless, abandoned puppies are left to wander the streets, scared and alone. Only your support can rescue them."**

## Statistics/facts

**"A shocking report has found that half of all Orangutans in Borneo have been killed in the last 20 years."**

## Talk to the reader

**"You must take action; we can work together: all of us!"**

# PSHCE

## Being the best me Healthy bodies, healthy minds



Today we will have an afternoon lesson of PSHCE. Within this lesson we will be learning about self-respect and how it can affect our mental health and wellbeing.

Let's start off with creating a spider diagram. Write 'Healthy bodies, healthy minds' in your book and write around it any words or phrases you would associate with this phrase.

Here are a few we came up with:

- Eating a balanced, nutritious diet
- Getting regular exercise
- Drinking water regularly
- Getting enough sleep
- Having a support network
- Doing activities to help relaxation
- Respecting yourself.

Next, we would like you to write your own definition for the phrase 'Self-respect'. Think about what this phrase means to you. You could discuss a few examples of how you can show or gain self-respect with someone in your household.

Here are some examples of self-respect:

- You are kind to yourself
- You take time for yourself
- You have the confidence to try new things
- You have the confidence to say no to things that may harm you
- You recognise your strengths and weaknesses
- You set boundaries
- You believe that you deserve health and happiness.



## My Self-Respect Jar



Today we would like you to make a self-respect jar. This is a great way to record and remember all of the things that are great about you!

First, you need to find a jar or any other kind of container that can be used as your 'self-respect jar'. Ask someone at home to help you find something suitable.

Next, decorate the jar however you wish to and label it with your name or a motivational phrase like the one above.

Finally, grab some paper and cut it up into smaller slips of paper. On each slip of paper, write something you like about yourself, and/or positive statements about yourself, such as something you are good at, something you've done that you're proud of, a positive quality, or a good memory of a time you helped someone. Then put each statement into the jar.

Maybe find someone in your household to help you fill out some of the slips or, once your jar is finished, you could show it to someone at home.

Keep your jar somewhere safe and use it to remind yourself of just how wonderful you are!

# Internet Safety

For today's task on safer internet use, we would like you to think about passwords – a vital component of keeping our information safe online.

Read the advice on creating strong and safe passwords before completing the task below.

Being safe online is very important. Lots of websites ask you to set up a password.

What makes a good password?

Include numbers, letters and symbols.

Use at least one capital letter.

Make it something that you will remember but others cannot guess.

Make it at least 8 characters long.

Never use obvious names or dates.

Don't share your password with friends.

Below, are three people who need your help to create a password. Using their information, and the password rules above, can you create secure passwords for each of them?



Ella is 9. She goes to Longmead Primary School. She lives at 9 Brook Close. She enjoys playing football and netball. Her favourite team is Arsenal. At home she has two dogs called Charlie and Chimp.

Ella's perfect password:



Mia is 13 and attends Brixbay Secondary School in Devon. She makes jewellery and likes knitting and sewing. She likes shopping with her friends at the weekend. She has a grey cat called Pixie.

Mia's perfect password:



Amir is 10. His birthday is in March. He goes to Fairfield Junior School in Leeds. He belongs to Fairfield Athletic Club and is very good at long jump. His favourite colour is blue. He lives with his two brothers.

Amir's perfect password:

For the final part of your activity, you need to think about a safe password for you to use. Remember not to share your passwords (other than with your parents).

What about you? What would your perfect password look like? Follow the rules to create your own strong password. Enter it into a password checker website and see how strong your password is. Remember, don't tell anyone your idea for a password!

# Spelling

Have a go at learning a selection of these Year 5/6 spelling words. You could write them out using look, cover, write and check or you could play word in a word to help you remember the spellings. Test yourself to see if you can spell the correctly. Once you can, move onto another group!

## Year 5 and 6 Statutory Spellings

accommodate	category	determined	forty	marvellous	programme	soldier
accompany	cemetery	develop	frequently	mischievous	pronunciation	stomach
according	committee	dictionary	government	muscle	queue	sufficient
achieve	communicate	disastrous	guarantee	necessary	recognise	suggest
aggressive	community	embarrass	harass	neighbour	recommend	symbol
amateur	competition	environment	hindrance	nuisance	relevant	system
ancient	conscience	equipment	identity	occupy	restaurant	temperature
apparent	conscious	equipped	immediate	occur	rhyme	thorough
appreciate	controversy	especially	immediately	opportunity	rhythm	twelfth
attached	convenience	exaggerate	individual	parliament	sacrifice	variety
available	correspond	excellent	interfere	persuade	secretary	vegetable
average	criticise	existence	interrupt	physical	shoulder	vehicle
awkward	curiosity	explanation	language	prejudice	signature	yacht
bargain	definite	familiar	leisure	privilege	sincere	
bruise	desperate	foreign	lightning	profession	sincerely	



Can you try some of these non-screen activities across your week?

Even more

# Non-screen activities you can do at home

Pobble

25 more ideas!

Recipes are a great way to express yourself and get creative. Have a go at our 25 food and recipe related tasks!

<p><b>1 Write a recipe for happiness.</b> What are the essential ingredients you need to include?</p> 	<p><b>2 Design the front cover of your own recipe book.</b> What will you call your book and how will you make it stand out?</p>	<p><b>3 Get revolting!</b> What is the most disgusting menu you can think of? Design and create your own revolting menu.</p>	<p><b>4 Make your own chef's hat.</b> What will you use to make it? Newspaper or something else?</p> 	<p><b>5 What makes a good friend?</b> Can you write a recipe with the key ingredients?</p> 
<p><b>6 Create a recipe for a superhero.</b> What do you need to mix together and how would you do it?</p> 	<p><b>7 Make a model of your favourite pizza.</b> Use bits you find around the house. What toppings will you include? Bottle top pepperoni perhaps?</p>	<p><b>8 Write a song or rap about your favourite food OR about your least favourite food.</b></p> 	<p><b>9 Draw a picture of the best dessert you can possibly imagine!</b></p> 	<p><b>10 What do you need to make a healthy human?</b> Draw a diagram to explain.</p> 
<p><b>11 Start a food journal.</b> Write down your favourite meals, ingredients and recipes. Are you eating healthily enough?</p> 	<p><b>12 Imagine you need to make a cake for a special event.</b> It needs to have 5 layers of different flavours. Design and label how it would look.</p>	<p><b>13 Word search fun!</b> Create your own word search using words on the topic of food or cooking, then ask someone to complete it.</p> 	<p><b>14 Imagine you discovered a new type of fruit!</b> What would you call it? What would it look like and taste like? Write a description.</p>	<p><b>15 If you had your own restaurant, what would it be like? Would it have a theme? Make a model of it using things you find around the house.</b></p>
<p><b>16 How would you create a united community?</b> Write down your method and the ingredients you would use.</p>	<p><b>17 The perfect teacher!</b> Write a list of the ingredients you would need to make the best teacher in the world, perhaps you know one already?</p>	<p><b>18 Grow your own.</b> Can you save the seeds from something you eat and plant them to grow your own?</p> 	<p><b>19 Get baking!</b> Find a recipe you like and have a go at completing it. What will you make? Biscuits, pancakes, fruit salad or something else?</p> 	<p><b>20 Healthy body.</b> Exercise is just as important as eating well. Can you create your own daily workout routine and try it out?</p> 
<p><b>21 How many words can you think of that rhyme with COOK?</b> Write a list.</p> 	<p><b>22 Rainbow foods.</b> There are 7 colours in the rainbow. Can you think of a food that's the colour of each one? Draw a picture to show these.</p>	<p><b>23 Potion power!</b> Imagine you have the power to create a potion. What would your potion do and how would you make it?</p> 	<p><b>24 Alphabet food!</b> Can you name something you would find in the kitchen that starts with the letter a,b,c and so on?</p> 	<p><b>25 Put on a show!</b> Can you put on a cookery show? Explain what you are doing at each step so it's simple for others to follow.</p>

Parents and teachers – please share your success stories with us on social media:

 HeyPobble
  Pobble Education
  TeamPobble



# Further home learning resources – free live lessons

If you would like to complete extra home learning, have a look at the links and resources listed below.

## Twinkl

### Twinkl Go!

**FREE throughout school closures**, Twinkl Go! is our collection of thousands of interactive educational resources which can be accessed and completed on any device, with no apps to install.

### Go! Collections

Again, **FREE throughout school closures**, these Go! Collections are our ready-made, curated collections of Go! Resources which cover most ages and subjects.

### Home Learning Hub

Here you'll find **daily, FREE activities** for different age groups and subjects. We'll add new content each day, including videos, games and activities.

### Twinkl Kids TV YouTube Channel

For quick, easy and highly-engaging lessons, songs and videos teaching phonics, times tables, SPaG and more, you'll find everything you need on our Twinkl Kids TV YouTube channel. Each video links back to the Twinkl site with guidance and resources for parents. Accessible through any device or stream YouTube via the TV - perfect for learning at home.

## BBC Bitesize

The BBC are providing a range of different educational resources, including devoting significant airtime to education.

Read the article below to see what is being provided.

[BBC delivers biggest Education offer in its history - including devoting significant airtime to Education on BBC Two - Media Centre](#)

[Primary Homework Help | Online Games For Kids - BBC Bitesize](#) Visit the BBC Primary website to find extra educational resources.

# Answers



# Hotch Potch

$$1) 632.7 - 46.53 = 586.17$$

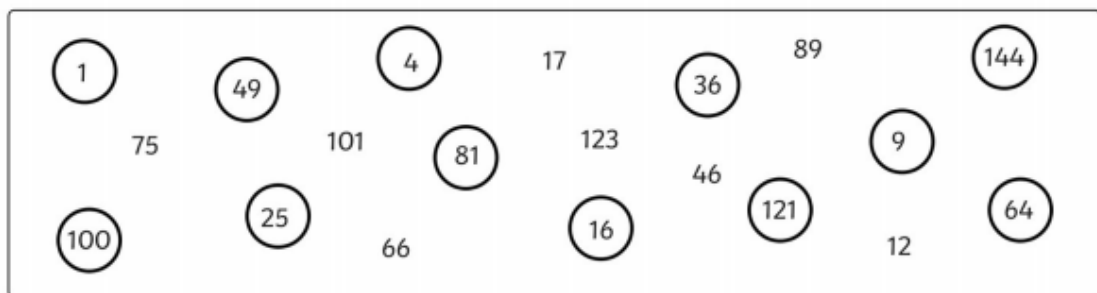
$$2) 201 \times 42 = 8442$$

$$3) 2 \times 5 \times 3.3 = 33$$

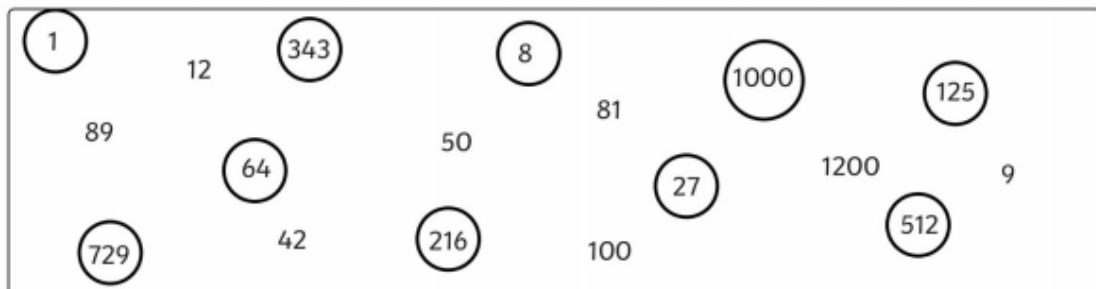
## Maths

### Square and Cube Numbers Answers Maths Mastery

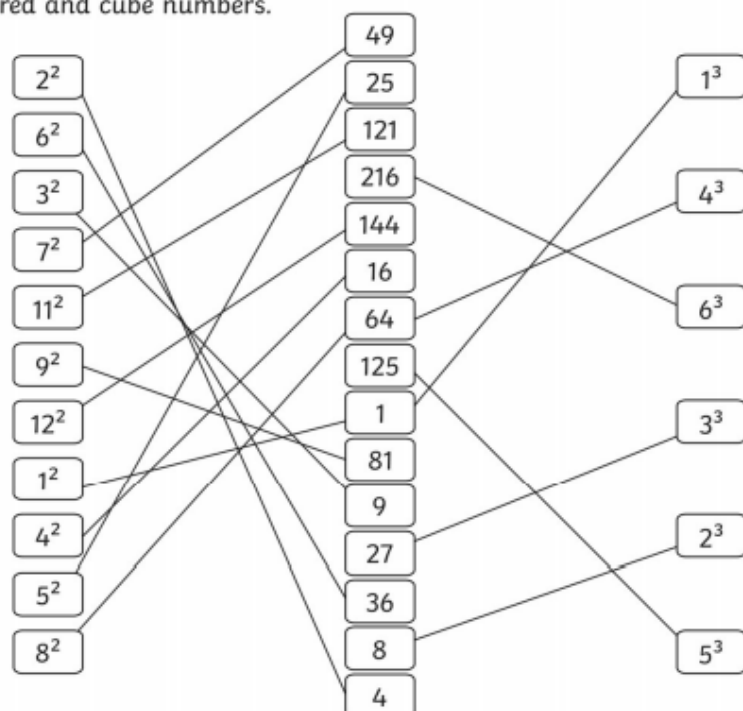
Ring the square numbers.



Ring the cube numbers.



Match the squared and cube numbers.



A. Complete the table.

$1^2$	$1 \times 1$	1
$2^2$	$2 \times 2$	4
$3^2$	$3 \times 3$	9
$4^2$	$4 \times 4$	16
$5^2$	$5 \times 5$	25
$6^2$	$6 \times 6$	36
$7^2$	$7 \times 7$	49
$8^2$	$8 \times 8$	64
$9^2$	$9 \times 9$	81
$10^2$	$10 \times 10$	100




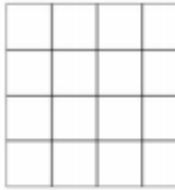
B. Complete the table.

$1^3$	$1 \times 1 \times 1$	1
$2^3$	$2 \times 2 \times 2$	8
$3^3$	$3 \times 3 \times 3$	27
$4^3$	$4 \times 4 \times 4$	64
$5^3$	$5 \times 5 \times 5$	125
$6^3$	$6 \times 6 \times 6$	216
$7^3$	$7 \times 7 \times 7$	343
$8^3$	$8 \times 8 \times 8$	512
$9^3$	$9 \times 9 \times 9$	729
$10^3$	$10 \times 10 \times 10$	1000




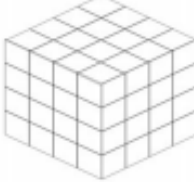
C. Calculate the missing numbers.

a) $7^2 + 4^3 = \mathbf{113}$	b) $8^2 + 10^2 = \mathbf{164}$	c) $5^3 - 5^2 = \mathbf{100}$
d) $5^2 + \mathbf{8^2} = 89$	e) $\mathbf{9^2} - 8^2 = 17$	f) $3^2 \times 2^3 = \mathbf{72}$
g) $3^2 + \mathbf{4^2} = 5^2$	h) $6^3 \div 2^2 = \mathbf{54}$	i) $13^2 = \mathbf{169}$
j) $10^3 - 2^2 = \mathbf{996}$	k) $100^2 = \mathbf{10\ 000}$	l) $\mathbf{12^2} = 144$

Write the number that is squared and the square number for each of these diagrams.

			
Number Squared: <u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Square Number: <u>1</u>	<u>4</u>	<u>9</u>	<u>16</u>

Write the number that is cubed and the cube number for each of these diagrams.

			
Number Cubed: <u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Cube Number: <u>1</u>	<u>8</u>	<u>27</u>	<u>64</u>

# SPAG

a

Can you rewrite this direct speech sentence with all the missing punctuation?

the shop assistant politely said  
that ll be six pounds exactly

**"That'll be six pounds exactly," said the shop assistant politely.**



b

Look at the homophone words within the brackets. Circle the correct word to fit the sentence:

Florence needed to repair the front (break/**brake**) on her bike before she could ride it again.

After the x-ray, the doctor told Samantha that she had a nasty (**break**/brake) in her arm.

f

Insert commas around the relative clause in this sentence.

The war veterans who were now all in their eighties paraded proudly down the street.

**The war veterans, who were now all in their eighties, paraded proudly down the street.**