



# Thorplands Year 3 Home learning activities

22<sup>nd</sup> – 26<sup>th</sup> of June

Day	Morning activities REMEMBER: The answers to all of these questions will be uploaded in the afternoon for you!	English 	Maths 	Wider Curriculum 
Monday	Complete:  5 Fluency Questions 5 maths problems Spelling challenge How much money does Mr Hemmings have?  (worksheet has been included for you and the answers included)	<b>Oak National Academy</b> Setting Description: Reading Comprehension - Fact Retrieval  See the lesson here: <a href="https://classroom.thenational.academy/lessons/setting-description-reading-comprehension-fact-retrieval-4115b9/activities/2">https://classroom.thenational.academy/lessons/setting-description-reading-comprehension-fact-retrieval-4115b9/activities/2</a> Worksheets have been included in the pack for you. The answers appear at the end of the video.	<b>Oak National Academy - <i>Ordering mass</i></b> See the lesson here: <a href="https://classroom.thenational.academy/lessons/ordering-mass/activities/2">https://classroom.thenational.academy/lessons/ordering-mass/activities/2</a>  Complete the worksheets provided (answers on the video).  <b>Revision:</b> Complete your Rapid Reasoning tasks Day 1 worksheet in pack (answers on separate sheet)	Spanish: To be able to describe what there is in your town or city in Spanish  Watch the lesson here: <a href="https://classroom.thenational.academy/lessons/to-be-able-to-describe-what-there-is-in-your-town-or-city-in-spanish/activities/2">https://classroom.thenational.academy/lessons/to-be-able-to-describe-what-there-is-in-your-town-or-city-in-spanish/activities/2</a>
Tuesday	Complete:  5 Fluency Questions 5 maths problems Spelling challenge How much money does Mr Hemmings have?  (worksheet has been included for you and the answers included)	<b>Oak National Academy</b> Setting Description: Reading Comprehension – Word Meaning  See the lesson here: <a href="https://classroom.thenational.academy/lessons/setting-description-reading-comprehension-word-meaning/activities/2">https://classroom.thenational.academy/lessons/setting-description-reading-comprehension-word-meaning/activities/2</a> Worksheets have been included in the pack for you. The answers appear at the end of the video.	<b>Oak National Academy - <i>Add and subtract mass</i></b> Watch the lesson here: <a href="https://classroom.thenational.academy/lessons/add-and-subtract-mass/activities/2">https://classroom.thenational.academy/lessons/add-and-subtract-mass/activities/2</a>  Complete the worksheets provided (answers on the video).  <b>Revision:</b> Complete your Rapid Reasoning task Day 2 worksheet in pack (answers on separate sheet)	History: Did the Romans conquer Scotland?  Watch the lesson here: <a href="https://www.bbc.co.uk/bitesize/articles/zjxmkty">https://www.bbc.co.uk/bitesize/articles/zjxmkty</a>  Create a comic strip showing the story of how the Romans invaded Scotland and take a quiz.
Wednesday	Complete:  5 Fluency Questions 5 maths problems Spelling challenge How much money does Mr Hemmings have?  (worksheet has been included for you and the answers included)	<b>Oak National Academy</b> Setting Description: Identifying the features of a text  See the lesson here: <a href="https://classroom.thenational.academy/lessons/setting-description-identifying-the-features-of-a-text-1b014e/activities/2">https://classroom.thenational.academy/lessons/setting-description-identifying-the-features-of-a-text-1b014e/activities/2</a> Worksheets have been included in the pack for you. The answers appear at the end of the video.	<b>Oak National Academy – <i>Solve problems involving mass</i></b> Watch the lesson here: <a href="https://classroom.thenational.academy/lessons/solve-problems-involving-mass/activities/2">https://classroom.thenational.academy/lessons/solve-problems-involving-mass/activities/2</a>  Complete the worksheets provided (answers on the video).  <b>Revision:</b> Complete your Rapid Reasoning tasks for this week – Day 3 worksheet in pack (answers on separate sheet)	Science: Digestive system and teeth  Watch the lesson here: <a href="https://www.bbc.co.uk/bitesize/articles/zvk4f82">https://www.bbc.co.uk/bitesize/articles/zvk4f82</a>  Have a go at the online quiz and complete and the worksheet in the pack (answers included).

Day	<b>Morning activities</b> <small>REMEMBER: The answers to all of these questions will be uploaded in the afternoon for you!</small>	<b>English</b> 	<b>Maths</b> 	<b>Wider Curriculum</b> 
<b>Thursday</b>	<p>Complete:</p> <p>5 Fluency Questions 5 maths problems Spelling challenge How much money does Mr Hemmings have?</p> <p><u>(worksheet has been included for you and the answers included)</u></p>	<p><b>Oak National Academy</b> Setting Description: SPaG focus - Fronted adverbial phrases</p> <p>See the lesson here: <a href="https://classroom.thenational.academy/lessons/setting-description-spag-focus-fronted-adverbial-phrases/activities/2">https://classroom.thenational.academy/lessons/setting-description-spag-focus-fronted-adverbial-phrases/activities/2</a></p> <p>Worksheets have been included in the pack for you. Write your own fronted adverbials and send them to Mr Hemmings - <a href="mailto:Year3@thorplandsprimary.net">Year3@thorplandsprimary.net</a></p>	<p><b>Oak National Academy – <i>Read a scale</i></b> Watch the lesson here: <a href="https://classroom.thenational.academy/lessons/read-a-scale/activities/2">https://classroom.thenational.academy/lessons/read-a-scale/activities/2</a></p> <p>Complete the worksheets provided (answers on the video).</p> <p><b>Revision:</b> Complete your Rapid Reasoning tasks for this week – Day 4 worksheet in pack (answers on separate sheet).</p>	<p>Computing: code your own talking robot!</p> <p>Find the lesson here: <a href="https://projects.raspberrypi.org/en/projects/chatbot">https://projects.raspberrypi.org/en/projects/chatbot</a></p> <p>Find Scratch here: <a href="https://scratch.mit.edu/projects/editor/?tutorial=getStarted">https://scratch.mit.edu/projects/editor/?tutorial=getStarted</a></p>
<b>Friday</b>	<p>Complete:</p> <p>5 Fluency Questions 5 maths problems Spelling challenge How much money does Mr Hemmings have?</p> <p><u>(worksheet has been included for you and the answers included)</u></p>	<p><b>Oak National Academy</b> Setting Description: Write a setting description</p> <p>See the lesson here: <a href="https://classroom.thenational.academy/lessons/setting-description-write-a-setting-description-fc305c/activities/2">https://classroom.thenational.academy/lessons/setting-description-write-a-setting-description-fc305c/activities/2</a></p> <p>A handy guide has been included to help you write your own description. Use the lined paper provided. When you have finished send your work to Mr Hemmings - <a href="mailto:Year3@thorplandsprimary.net">Year3@thorplandsprimary.net</a></p>	<p><b>Oak National Academy – <i>Read capacity and volume</i></b> Watch the lesson here: <a href="https://classroom.thenational.academy/lessons/read-capacity-and-volume/activities/2">https://classroom.thenational.academy/lessons/read-capacity-and-volume/activities/2</a></p> <p>Complete the worksheets provided (answers on the video).</p> <p><b>Revision:</b> Complete your Rapid Reasoning tasks for this week – Day 5 worksheet in pack (answers on separate sheet)</p>	<p>Design Technology: how to design a product</p> <p>Watch the lesson here: <a href="https://www.bbc.co.uk/bitesize/articles/zdn6pg8">https://www.bbc.co.uk/bitesize/articles/zdn6pg8</a></p> <p>Have a go designing your own product on the special paper provided.</p>





# Year 3 Monday morning activities



## 5 Fluency Questions

$11 \times 4 =$

$488 + 435 =$

$7 + 300 =$

$500 - 6 =$

$48 \div 8 =$

## 5 Maths Problems

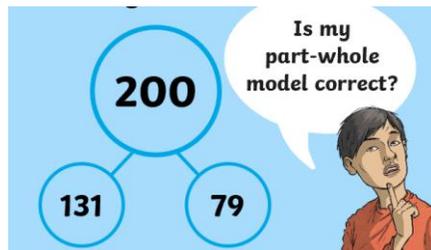
How much money in total?



Write 548 in words

Start at 27, add on twenty five. How many do you have?

If one ice cream costs £2.42, how much do two cost?



## Spelling Challenge

**There, their and they're**

Complete the sentences using the correct word.

Ava and Lucas put \_\_\_\_\_ hands up at the same time.

Are you sure \_\_\_\_\_ not real?

The new teacher got \_\_\_\_\_ books in a muddle.

I went \_\_\_\_\_ last summer too!

Is \_\_\_\_\_ a doctor anywhere near?

## How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



# English

## Comprehension - Fact Retrieval

As the girl entered her workshop, her detailed designs and blueprints were scattered all over the large, wooden table. For months, she had hidden herself away to work secretly on her creation. She was so close to being ready to activate the robot. Across the floor, the silver nuts and bolts led a snake-like trail to the incredible invention. In the centre of the workshop, the girl's creative masterpiece stood proudly. Surrounding the giant, iron beast, the machines whirred into action. Buzzing and hissing, the pistons pumped rapidly and the smell of smoke wafted into the air.

Her hands clamped around the cold, hard metal as she attempted to crank the handle and bring the robot to life. All of a sudden, the robot's bulging eyes began to flicker brightly, but sadly the room was filled with silence. Without hesitation, she quickly turned the red taps and pushed the lever to maximum level. Suddenly, objects in the factory began to tremble and the pressure on the gauge raced into red. Steam burst out of the juddering pipes and caused the equipment to shudder and shake even more. Screws, pistons and sprockets sprayed around the room and the workshop filled with darkness.

## Comprehension - Fact Retrieval

### Fact retrieval questions:

- Find and fetch the information.
- Read the question - What information do you need to find?
- Skim and scan to find keywords from the question
- Copy the information exactly as it is written in the text

### Now have a go at answering the following questions

1) According to the text, what had the girl been doing for months? (1 mark)

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2) Where did the girl's 'masterpiece' stand? (1 mark)

---

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## Now have a go at answering the following questions

- 3) List 3 things that were 'sprayed' across the workshop. (1 mark)

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- 4) What colour did the pressure gauge race to? Tick one. (1 mark)

green

purple

red

orange

## Now have a go at answering the following questions

- 5) True or false? The room was in complete darkness after the equipment had begun to break. Tick the correct option. (1 mark)

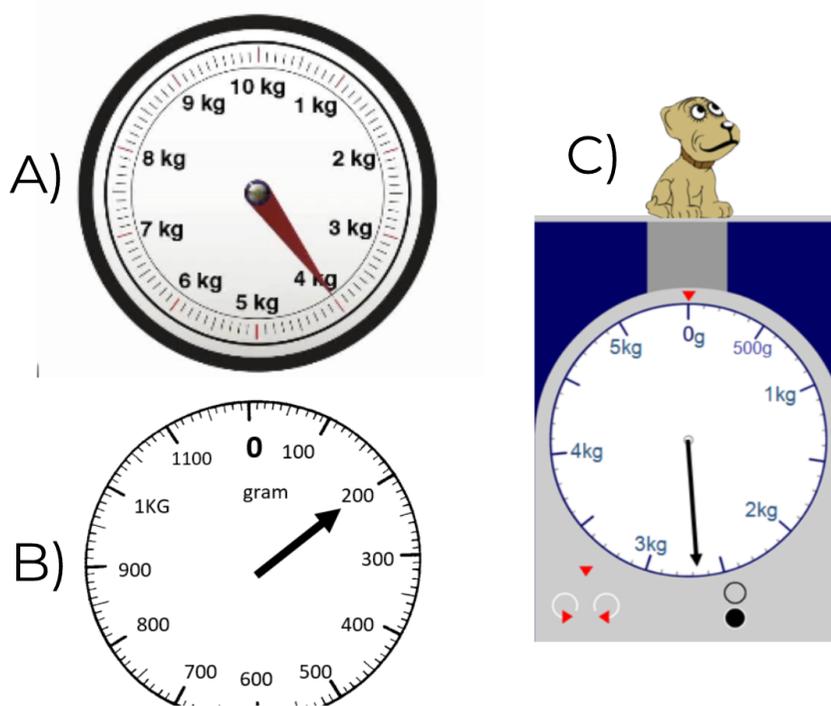
True

False

## Part A

Remember, how can you show your working out?

1) Which mass is the **heaviest**?



2) Which mass is the **lightest**?

A = 50kg and 400g

B = 43kg and 580g

C = 47kg

D = 43kg and 800g

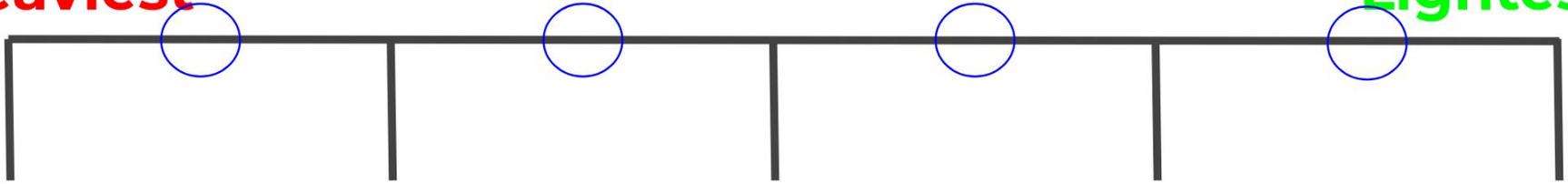


# Part B

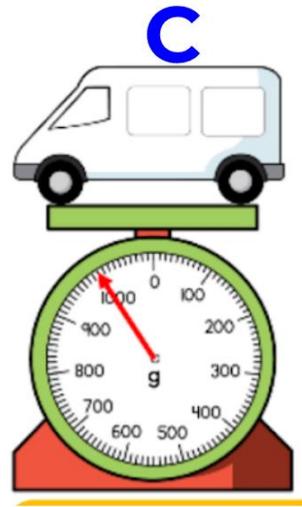
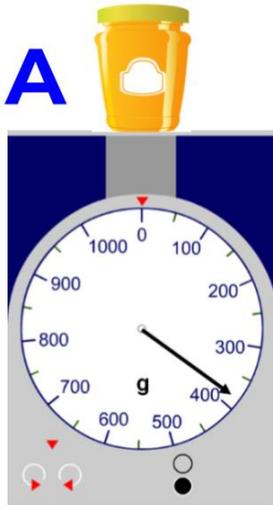
3) Order the masses from **heaviest** to **lightest**.

**Heaviest**

**Lightest**



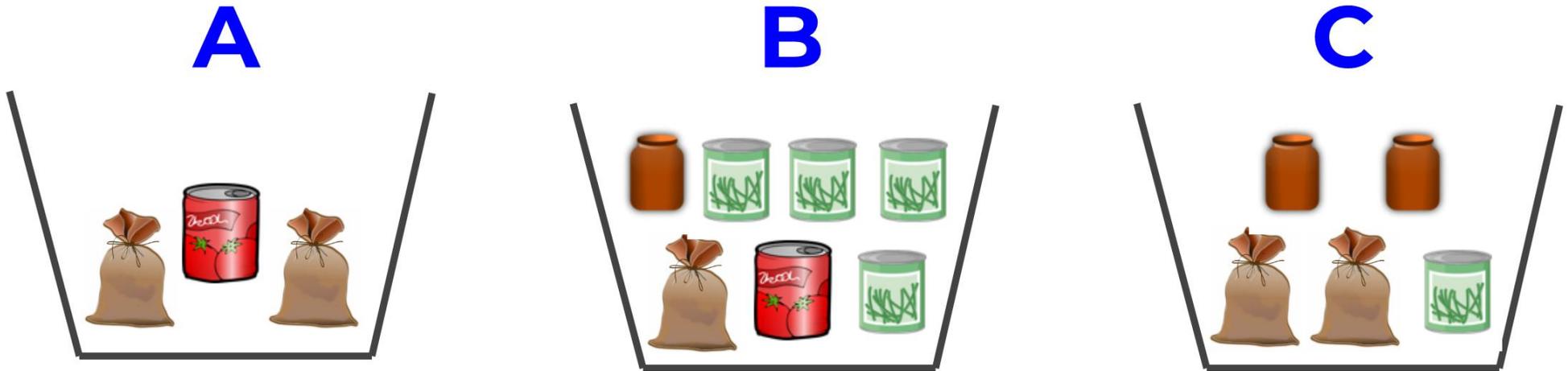
*These are not in order already... You will have to read some scales to complete this task.*



# Challenge

## 4) True or False?

“Basket A is the lightest basket and Basket B is the heaviest basket.”



 = 50g

 = 500g

 = 200g

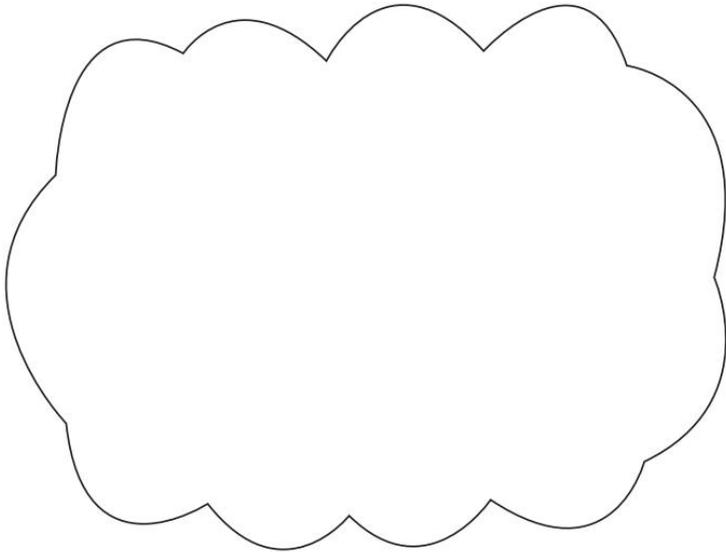
 = 1kg



**Q1** The answer to this calculation is wrong.

$$\begin{array}{r} 635 \\ + 236 \\ \hline 861 \\ \hline \end{array}$$

Explain the mistake.



1 mark

**Q2** Abby, Ben and Clara are counting out loud from 0. All the children say 0. Then:  
Abby counts one jump of 50.  
Ben counts seven jumps of 8.  
Clara counts twelve jumps of 4.

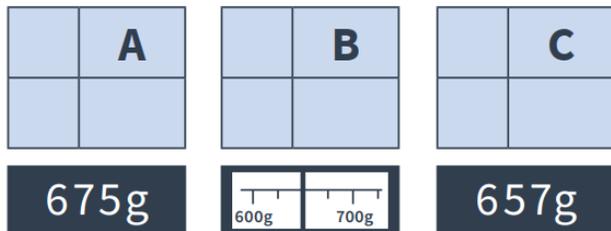
Who says the highest number?

What is the number?

1 mark

**Q3**

Here are the masses of three parcels.



Use the symbols  $>$ ,  $<$  or  $=$  to compare the masses.

Mass of parcel B  mass of parcel C

Mass of parcel A  mass of parcel C

1 mark



**Q1** The answer to this calculation is wrong.

$$\begin{array}{r} 635 \\ + 236 \\ \hline 861 \end{array}$$

Explain the mistake.

The ones add up to 11, but the extra ten has not been added to the tens column. The tens should add to make seven, not six.

1 mark

**Q2** Abby, Ben and Clara are counting out loud from 0. All the children say 0. Then:

Abby counts one jump of 50.

Ben counts seven jumps of 8.

Clara counts twelve jumps of 4.

Who says the highest number?

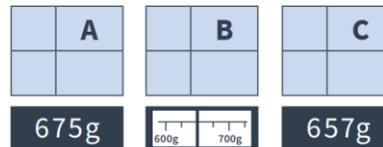
Ben

What is the number?

56

1 mark

**Q3** Here are the masses of three parcels.



Use the symbols  $>$ ,  $<$  or  $=$  to compare the masses.

Mass of parcel B  mass of parcel C

Mass of parcel A  mass of parcel C

1 mark



# Year 3 Monday morning

## ANSWERS



### 5 Fluency Questions

$$11 \times 4 = 44$$

$$488 + 435 = 923$$

$$7 + 300 = 307$$

$$500 - 6 = 494$$

$$48 \div 8 = 6$$

### 5 Maths Problems

How much money in total?



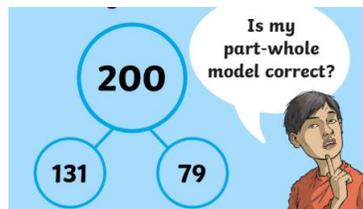
£4. 43

Write 548 in words

Five hundred and forty eight

Start at 27, add on twenty five. How many do you have? 32

If one ice cream costs £2.42, how much do two cost? £4.84



No

$$131 + 79 = 210$$

### Spelling Challenge

There, their and they're

Complete the sentences using the correct word.

Ava and Lucas put their hands up at the same time.

Are you sure they're not real?

The new teacher got their books in a muddle.

I went there last summer too!

Is there a doctor anywhere near?

### How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



75p





# Year 3 Tuesday morning activities



## 5 Fluency Questions

$$36 \div 4 =$$

$$800 + 7 =$$

$$348 + 234 =$$

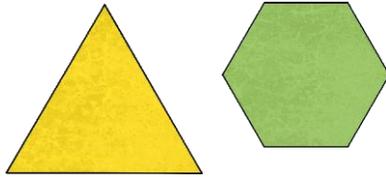
$$4 \times ? = 28$$

$$36 - 8 =$$

## 5 Maths Problems

498 how many would I have if I added 100 more?

How many sides are there in total?



I have £10, if I spend £1.50, how much do I have left?

If one dog has 4 legs, how many legs do three dogs have?

If I count in multiples of eight, I will say the number 32.



Is Alison correct?

## Spelling Challenge

### Homophones

**Two, to or too?**

Are you going \_\_\_\_\_ the fair?

There are only \_\_\_\_\_ places left!

There are \_\_\_\_\_ many people in here.

**New or knew?**

I \_\_\_\_\_ you would do that!

Do you like my \_\_\_\_\_ shorts?

## How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



## Comprehension - Word Meaning

As the girl entered her workshop, her detailed designs and blueprints were scattered all over the large, wooden table. For months, she had hidden herself away to work secretly on her creation. She was so close to being ready to activate the robot. Across the floor, the silver nuts and bolts led a snake-like trail to the incredible invention. In the centre of the workshop, the girl's creative masterpiece stood proudly.

Surrounding the giant, iron beast, the machines whirred into action. Buzzing and hissing, the pistons pumped rapidly and the smell of smoke wafted into the air.

Her hands clamped around the cold, hard metal as she attempted to crank the handle and bring the robot to life. All of a sudden, the robot's bulging eyes began to flicker brightly, but sadly the room was filled with silence. Without hesitation, she quickly turned the red taps and pushed the lever to maximum level. Suddenly, objects in the factory began to tremble and the pressure on the gauge raced into red. Steam burst out of the juddering pipes and caused the equipment to shudder and shake even more. Screws, pistons and sprockets sprayed around the room and the workshop filled with darkness.

### Word Meaning Questions

- Read the word aloud
- Read the word in the context of the sentence
- Can you work out the word class?
- Could you replace the word with a synonym?
- What is the root word?
- Check in a dictionary

### Now have a go at answering the following questions

- 1) In the first sentence, what word suggests her designs had lots of information? (1 mark)  

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- 2) Choose the phrase in this sentence that shows how the objects appeared on the floor. 'The silver nuts and bolts led a snake-like trail to the incredible invention'. (1 mark)  

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## Comprehension - Word Meaning

### Now have a go at answering the following questions

3. What does the word 'clamped' mean in this sentence? 'Her hands clamped around the cold, hard metal as she attempted to crank the handle and bring the robot to life'. (1 mark)

She held the metal tightly \_\_\_\_\_

She let go of the metal \_\_\_\_\_

She cleaned the metal \_\_\_\_\_

4. Look at the paragraph beginning 'All of a sudden...'. What phrase suggests the girl turned on the taps straight away? (1 mark)

\_\_\_\_\_

- 5) 'Suddenly, objects in the factory began to tremble and the pressure on the gauge raced into red'. Which word in this sentence could be replaced by 'vibrate'? (1 mark)

\_\_\_\_\_

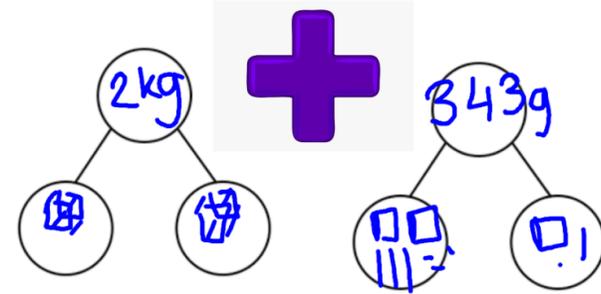
- 6) Find and copy three more synonyms for 'vibrate' in the sentence below. (1 mark)

'Steam burst out of the juddering pipes and caused the equipment to shudder and shake even more.'

\_\_\_\_\_

## Part A

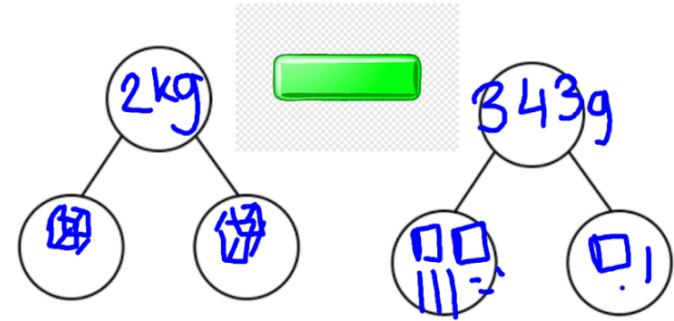
Use part whole models to partition your values. You can always draw these and the dienes into your book, like the example.



- 1) 4kg and 500g + 2kg and 100g = \_\_\_\_\_kg and \_\_\_\_\_g
- 2) 3kg and 450g + 6kg and 300g = \_\_\_\_\_kg and \_\_\_\_\_g
- 3) 7kg and 445g + 1kg and 145g = \_\_\_\_\_kg and \_\_\_\_\_g
- 4) 3kg and 320g + 4kg and 290g = \_\_\_\_\_kg and \_\_\_\_\_g

## Part B

Use part whole models to partition your values. You can always draw these and the dienes into your book, like the example.



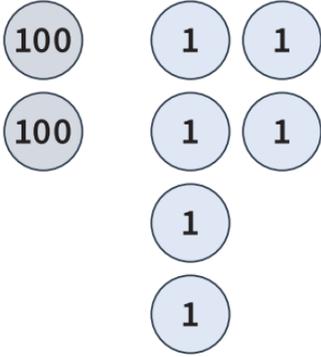
5) 6kg and 850g - 1kg and 310g = \_\_\_\_\_kg and \_\_\_\_\_g

6) 8kg and 790g - 4kg and 230g = \_\_\_\_\_kg and \_\_\_\_\_g

7) 5kg and 250g - 2kg and 115g = \_\_\_\_\_kg and \_\_\_\_\_g

8) 7kg and 620g - 2kg and 350g = \_\_\_\_\_kg and \_\_\_\_\_g

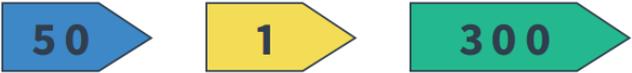
**Q1**



**a**

Write this number using numerals.

1 mark



**b**

Write this number using words.

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1 mark

**Q2**

244                      439                      235

Dylan chooses two of these numbers and adds them together.

The total is 674.

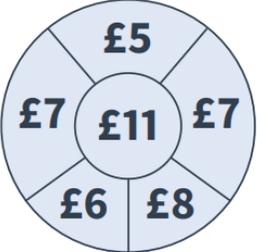
Which two numbers has Dylan added?

 and 

1 mark

**Q3**

Tinaya throws three balls at this target. She scores a total of £25.



Where do the three balls go?

,  and 

1 mark

# Roman Britain


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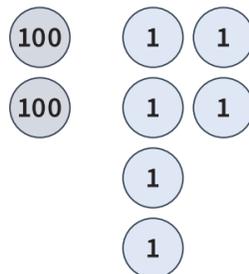
# Roman Britain


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Q1



a

Write this number using numerals.

206

1 mark



b

Write this number using words.

Three hundred and fifty-one

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1 mark

Q2

244                      439                      235

Dylan chooses two of these numbers and adds them together.

The total is 674.

Which two numbers has Dylan added?

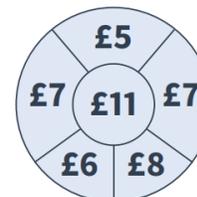
439 and 235

1 mark

Q3

Tinaya throws three balls at this target.

She scores a total of £25.



Where do the three balls go?

11, 7 and 7

1 mark



# Year 3 Tuesday morning **ANSWERS**



## 5 Fluency Questions

$$36 \div 4 = 9$$

$$800 + 7 = 807$$

$$348 + 234 = 582$$

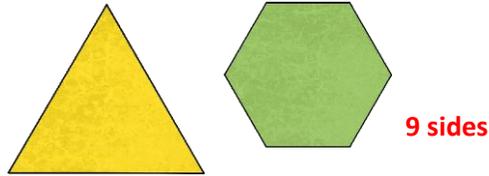
$$4 \times 7 = 28$$

$$36 - 8 = 28$$

## 5 Maths Problems

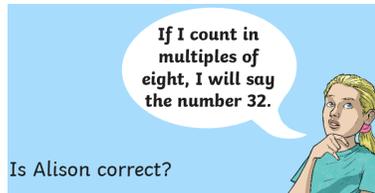
498 how many would I have if I added 100 more? **598**

How many sides are there in total?



I have £10, if I spend £1.50, how much do I have left? **£8.50**

If one dog has 4 legs, how many legs do three dogs have? **12**



**Yes**  
**4x8=32**

## Spelling Challenge

### Homophones

Two, to or too?

Are you going **to** the fair?

There are only **two** places left!

There are **too** many people in here.

New or knew?

I **knew** you would do that!

Do you like my **new** shorts?

## How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



**£1**





# Year 3 Wednesday morning activities



## 5 Fluency Questions

$$675 + 134 =$$

$$71 + 700 =$$

$$3 \times ? = 12$$

$$3 + 5 + 3 =$$

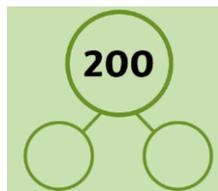
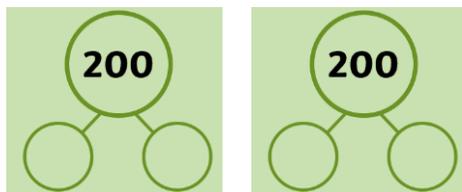
$$18 \div 3 =$$

## 5 Maths Problems

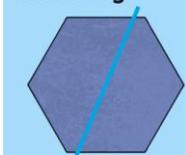
Use the correct symbol to compare these numbers:

**508**                      **580**

Find three different ways to complete this part whole model.



### **Reasoning**



Is Henry correct?

I have drawn a line of symmetry on this hexagon.



## Spelling Challenge

### **Homophones.**

**Blue or blew?**

The wind \_\_\_\_\_ really hard.

My favourite colour is \_\_\_\_\_.

Is that \_\_\_\_\_?

**So or sew?**

I couldn't climb over it, \_\_\_\_\_ I went around it.

Do you know how to \_\_\_\_\_?

## How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



# English

## The Iron Man

As the sun arose, the sound of farmers angrily shouting could be heard. The farmer's equipment had gone! Where were their tractors? Their earth-diggers? Their ploughs? All around the town, the huge, metal machinery had mysteriously vanished. Where to? Who had stolen it all?

There was a clue. Surrounding the field was half an axle and half a muddguard, carved with giant tooth marks where it had been bitten off. There was another clue. Inside the farm were giant, dusty footprints, each one the size of a single bed. At once, the frightened, silent, amazed crowd followed the footprints. And at every farm the footprints visited, all the metal machinery had strangely disappeared.

Finally, the footprints led back up to the top of the cliff, where the little boy had seen the Iron Man appear the night before, when he was fishing. The Iron Man's footprints led right to the cliff-top. All the way down the cliff, were torn marks on the rocks, where a huge iron body had slid down. Below, the tide was in. The grey, empty, moving tide. The Iron Man had gone back into the sea.

### Now have a go at answering the following questions:

1. In the opening sentence, what sense is being described? (1 mark)

---
2. Find and copy an expanded noun phrase in paragraph 1. (1 mark)

---
3. Find and copy the fronted adverbial phrase in the paragraph 1. (1 mark)

---

4. Find and copy two prepositions in paragraph 2. (2 marks)

---

---

5. 'And at every farm the footprints visited, all the metal machinery had strangely disappeared'. Find and copy the adverb in this sentence. (1 mark)

---

6. Find one example of an apostrophe used for possession in paragraph 3. (1 mark)

---

## Part A

1. A pineapple weighs 800 g and a melon weighs 2 kg and 100 g.  
What is the total mass of these 2 fruit?
2. My cake originally weighed 3 kg and 800 g. How much did it weigh after I ate 1 kg and 400 g?  
Kate had 2 kg and 600 g of rice but her friend Rob had 1 kg and 400 g less, how much rice did Rob have?
4. Abdi originally had 8 kg 200 g of apples, he bought 3 kg and 150 g more, how much<sup>2</sup> did he have in total?



## Part B

1.



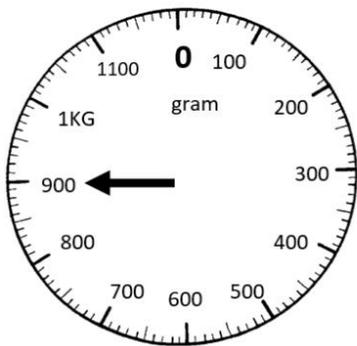
+ 1 kg and 400 g =

2.

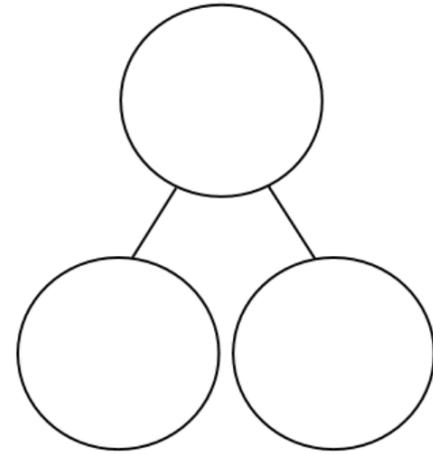


+ 3 kg and 700 g =

3.



- 500 g =

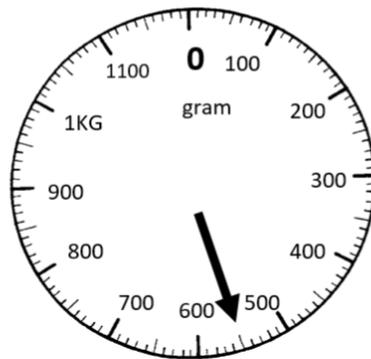
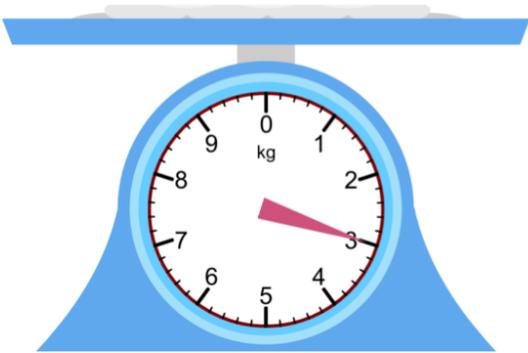


## Part C

1. Max buys 2 peaches and 3 pears  
One peach weighs 75g  
3 pears weigh the same as 2 peaches  
How much does one pear weigh?



2. What is the difference between these 2 masses?



**Q1** Complete the missing numbers.

hours are in one day

So,  hours are in two days

and  hours are in half a day.

1 mark

**Q2** 3      1      9      2      7      0

**a** Write in **words** the largest three-digit number that you can make from these digits.

\_\_\_\_\_

\_\_\_\_\_

1 mark

**b** Write in **numerals** the smallest three-digit number that you can make from these digits.

1 mark

**Q3**      237      491      245

India uses subtraction to find the difference between two of these numbers.

The difference is 254.

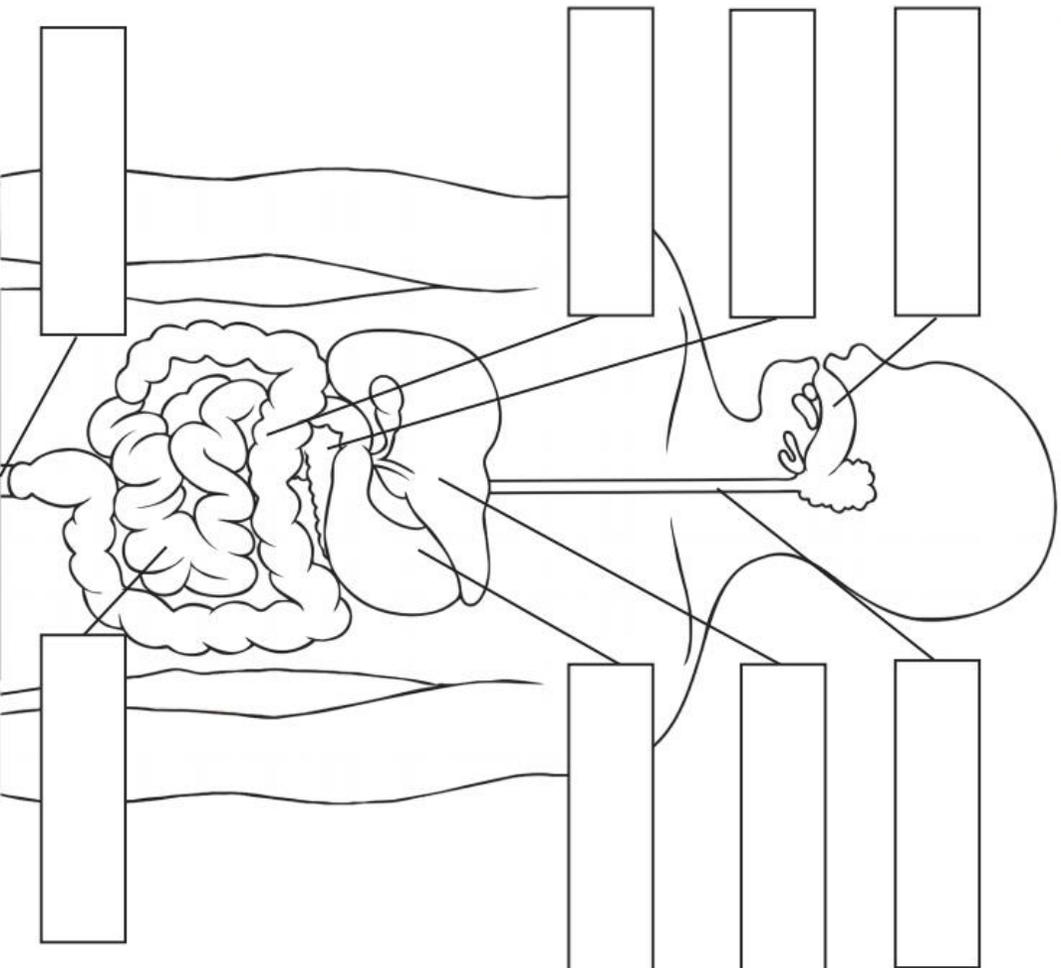
Which two numbers has India subtracted?

and

1 mark

# Digestive System Labelling

Cut out the labels and stick them onto the correct digestive parts in this diagram.



## Extension



See if you can find out what the large intestine does and why it is important in digestion.

Experience this in AR! Simply scan this code with any device running iOS 12 or later. For further info, please visit our FAQ page at [www.twinkl.co.uk/help/twinkl-apps](http://www.twinkl.co.uk/help/twinkl-apps).



oesophagus

twinkl.com

anus

twinkl.com

liver

twinkl.com

small intestine

twinkl.com

large intestine

twinkl.com

mouth

twinkl.com

pancreas

twinkl.com

stomach

twinkl.com



**Q1** Complete the missing numbers.

**24** hours are in one day

So, **48** hours are in two days

and **12** hours are in half a day.

1 mark

**Q2** 3 1 9 2 7 0

**a** Write in **words** the largest three-digit number that you can make from these digits.

**Nine hundred and seventy-three**

1 mark

**b** Write in **numerals** the smallest three-digit number that you can make from these digits.

**102**

1 mark

**Q3** 237 491 245

India uses subtraction to find the difference between two of these numbers. The difference is 254.

Which two numbers has India subtracted?

**491** and **237**

1 mark





# Year 3 Wednesday morning **ANSWERS**



## 5 Fluency Questions

$$675 + 134 = 809$$

$$71 + 700 = 771$$

$$3 \times 4 = 12$$

$$3 + 5 + 3 = 11$$

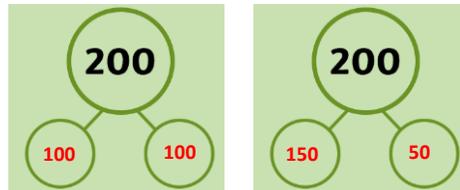
$$18 \div 3 = 6$$

## 5 Maths Problems

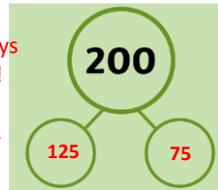
Use the correct symbol to compare these numbers:

$$508 < 580$$

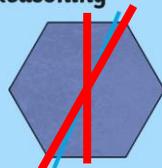
Find three different ways to complete this part whole model.



There are lots of ways to do this! For example...



## Reasoning



Is Henry correct?

I have drawn a line of symmetry on this hexagon.



No.

To make two symmetrical halves you need to use one of the red lines

## Spelling Challenge

### Homophones.

Blue or blew?

The wind blew really hard.

My favourite colour is blue.

Is that blue?

So or sew?

I couldn't climb over it, so I went around it.

Do you know how to sew?

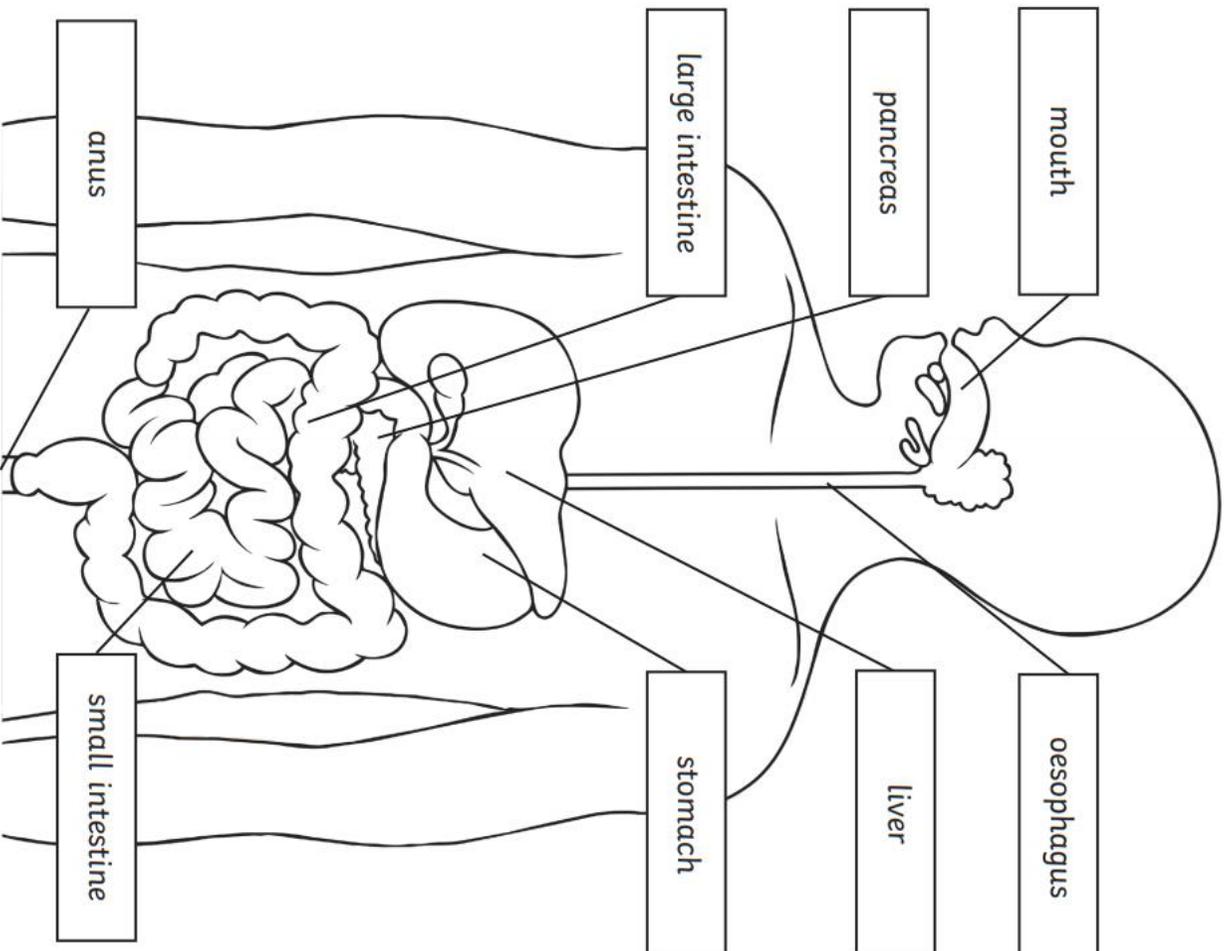
## How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



82p

# Digestive System Labelling Answers







# Year 3 Thursday morning activities



## 5 Fluency Questions

$$6 = 10 - ?$$

$$852 - 52 =$$

$$9 \times 8 =$$

$$832 - 212 =$$

$$120 \div 4 =$$

## 5 Maths Problems

Put these numbers in order from smallest to greatest:

533

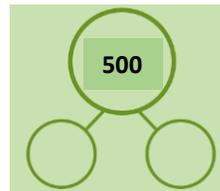
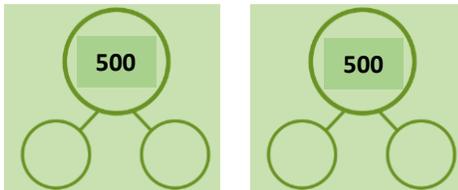
335

353

553

555

Find three different ways to complete this part whole model.



### **Reasoning**



## Spelling Challenge

Homophones.

**Sea or see?**

Can you \_\_\_\_\_ me?

There's nothing to \_\_\_\_\_ here.

The ship sailed across the \_\_\_\_\_.

**Sun or son?**

The \_\_\_\_\_ is going down.

My \_\_\_\_\_ plays football really well!

## How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



# English

## SPaG focus: fronted adverbial phrases

What is a fronted adverbial phrase?

Fronted adverbials are words or phrases placed at the beginning of a sentence. They give detail about time, place or manner. They are followed by a comma.

**Time: When it is done?**

**Place : Where is it done?**

**Manner: How is it done?**

Which fronted adverbial phrases can we identify in our WAGOLL?

Let's look at a setting description together



### The Girl and the Robot

As the girl entered her workshop, her detailed designs and blueprints were scattered all over the large, wooden table.

For months, she had hidden herself away to work secretly on her creation. She was so close to being ready to activate the robot. Across the floor, the silver nuts and bolts led a snake-like trail to the incredible invention.

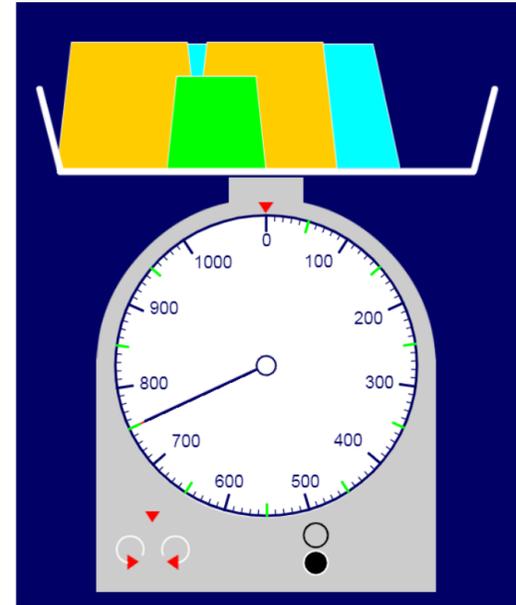
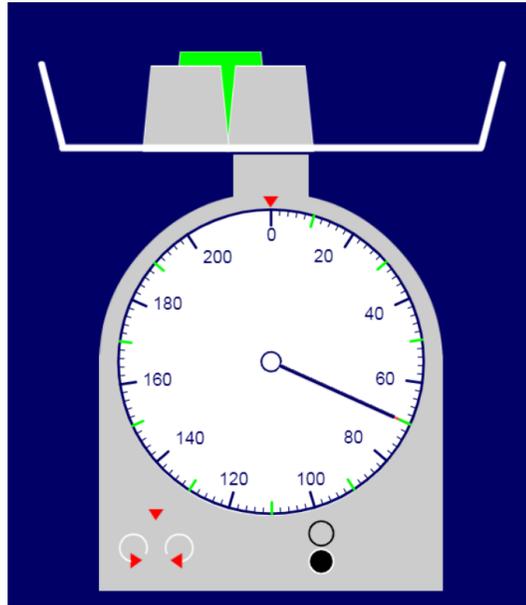
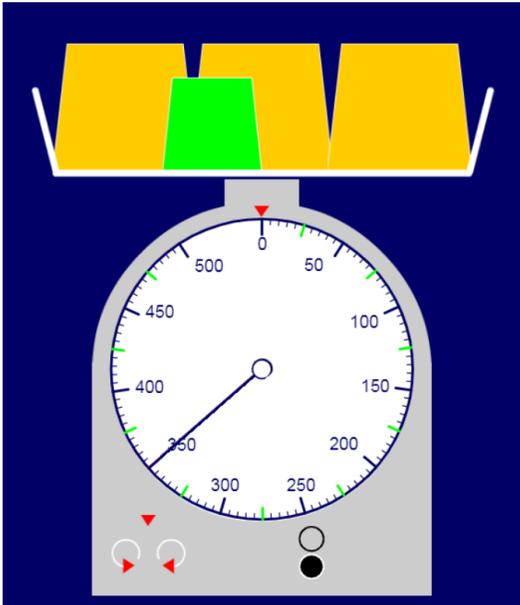
In the centre of the workshop, the girl's creative masterpiece stood proudly. Surrounding the giant, iron beast, the machines whirred into action. Buzzing and hissing, the pistons pumped rapidly and the smell of smoke wafted into the air. Her hands clamped around the cold, hard metal as she attempted to crank the handle and bring the robot to life.

All of a sudden, the robot's bulging eyes began to flicker brightly, but sadly the room was filled with silence. Without hesitation, she quickly turned the red taps and pushed the lever to maximum level. Suddenly, objects in the factory began to tremble and the pressure on the gauge raced into red. Steam burst out of the juddering pipes and caused the equipment to shudder and shake even more. Screws, pistons and sprockets sprayed around the room and the workshop filled with darkness.



Part A

What do each of these scales show?



What is the interval?

Does it point exactly?

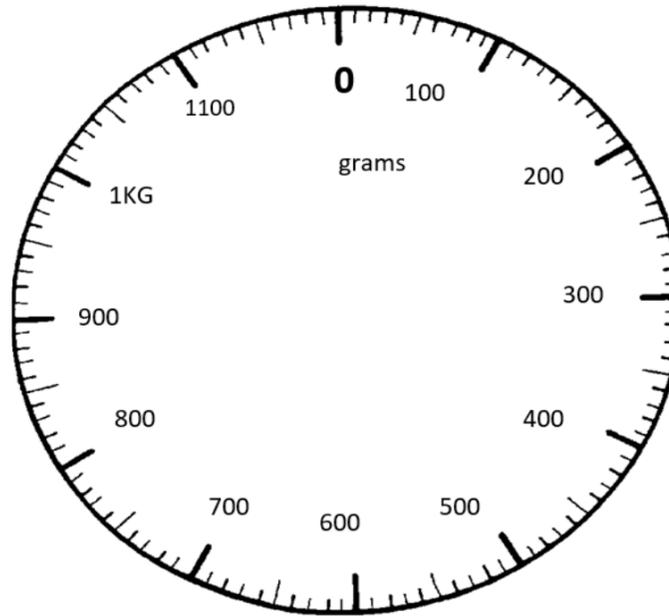
Which 2 intervals is it between?

2 Which is it nearer to?

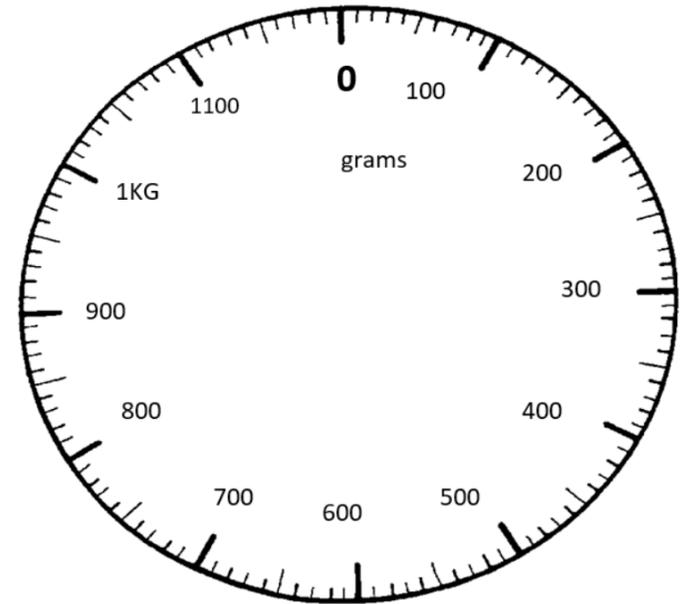
**Part B where would the pointer appear on these scales for these masses?**



**4.5 kg**



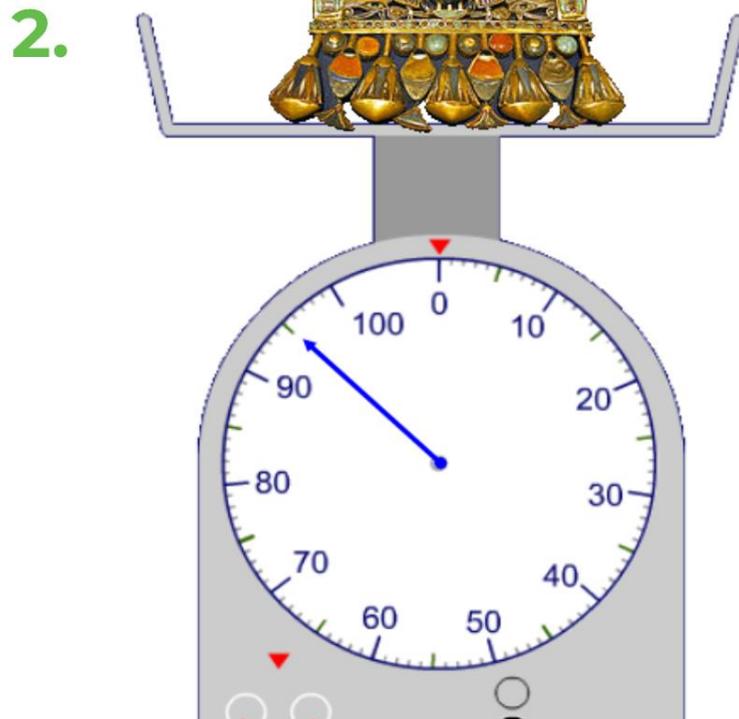
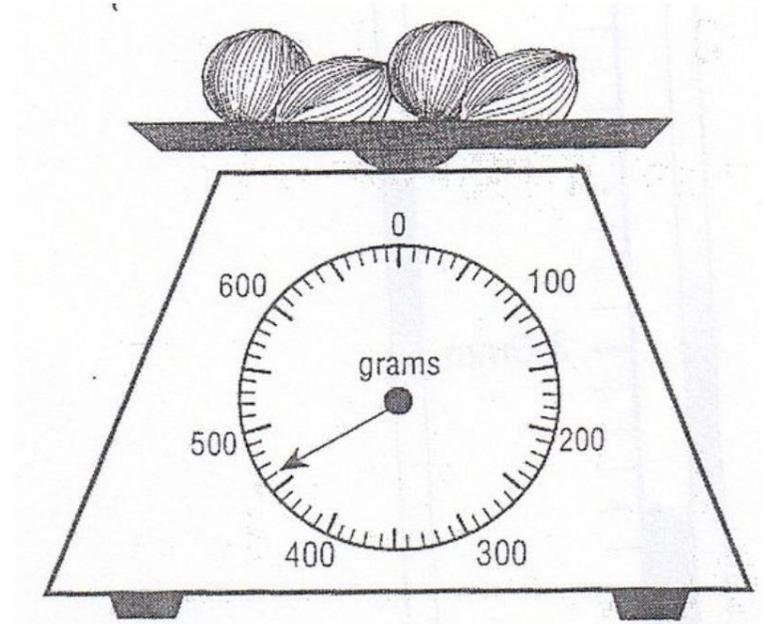
**450 g**



**1 kg and 50 g**

## Part C - challenge

1. What is the mass of each nut?



**This scale says 105  
True or false?**

**Q1** Hatham and Annie have tried to add 572 and 163 using column addition. They have made two different mistakes.

Hatham:	Annie:
572	572
+ 163	+ 163
5883	635
	1

Explain the mistakes that each person has made.

Hatham's mistake is

---



---

Annie's mistake is

---



---

2 marks

**Q2** This diagram shows how the number 814 changes when there is 200 more or 200 less.



Complete the boxes to show the missing numbers

1 mark

**Q3** Georgia says, "An odd number multiplied by five equals an odd number. An even number multiplied by five equals an even number."

Is Georgia correct? Explain your answer.

1 mark

**Q1** Hatham and Annie have tried to add 572 and 163 using column addition. They have made two different mistakes.

Hatham:	Annie:
572	572
+ 163	+ 163
-----	-----
5883	635
	1

Explain the mistakes that each person has made.

Hatham's mistake is

Hatham's mistake is that he has not lined the two numbers up correctly in three columns, so his addition is wrong.

Annie's mistake is

Annie's mistake is that she has forgotten to include the extra hundred underneath. The hundreds digit should be one more than it is.

**ONE** mark awarded for each correct identification of the mistake.

**Q2** This diagram shows how the number 814 changes when there is 200 more or 200 less.



Complete the boxes to show the missing numbers

1 mark

**Q3** Georgia says, "An odd number multiplied by five equals an odd number. An even number multiplied by five equals an even number."

Is Georgia correct? Explain your answer.

**See mark scheme for examples**

1 mark



# Year 3 Thursday morning

## ANSWERS



### 5 Fluency Questions

$$6 = 10 - 4$$

$$852 - 52 = 800$$

$$9 \times 8 = 72$$

$$832 - 212 = 620$$

$$120 \div 4 = 30$$

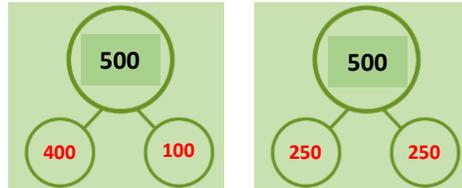
### 5 Maths Problems

Put these numbers in order from smallest to greatest:

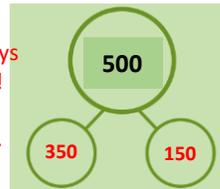
533 335 353 553 555

335 353 533 553 555

Find three different ways to complete this part whole model.



There are lots of ways to do this! For example...



#### Reasoning



### Spelling Challenge

Homophones.

Sea or see?

Can you see me?

There's nothing to see here.

The ship sailed across the sea.

Sun or son?

The sun is going down.

My son plays football really well!

### How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



71p





# Year 3 Friday morning activities



## 5 Fluency Questions

$7 + 8 + 7 =$

$18 \times 4 =$

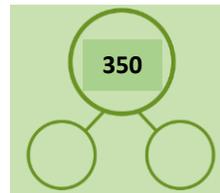
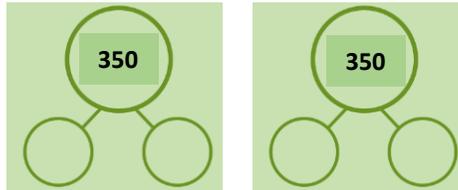
$87 + 800 =$

$32 \div 4 =$

$9 \times 4 =$

## 5 Maths Problems

Find three different ways to complete this part whole model.



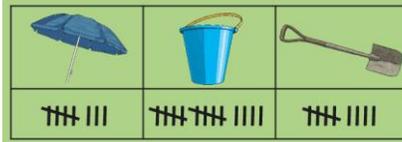
What are the next three numbers in this sequence?

4

8

12

How many buckets and spades did Henry find in the sandpit?



## Spelling Challenge

### Homophones – two, too and to.

Complete the sentences using the correct homophone.

1. There were \_\_\_\_\_ cookies left in the tin.
2. I usually go \_\_\_\_\_ my gran's house at the weekend.
3. I didn't need my coat today as it was \_\_\_\_\_ hot.
4. I can paint well but I am good at drawing \_\_\_\_\_.
5. I like going \_\_\_\_\_ the park with my friends.

## How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



# English

## Your task

To write a setting description in role as a Junior Engineer who designs and constructs their own robots.

Your senses will play a vital role in this text as you will describe the various things you can see, hear, touch, smell and feel.

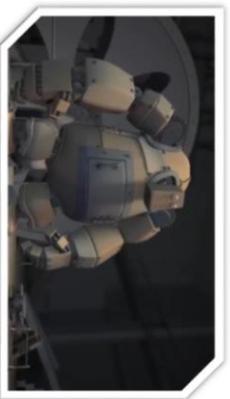
## Ideas for your workshop



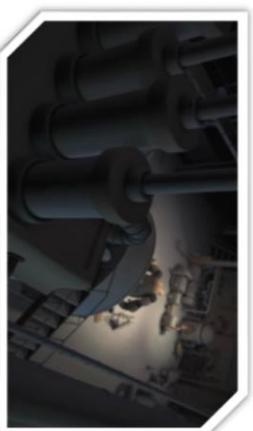
What can be seen on the surfaces?



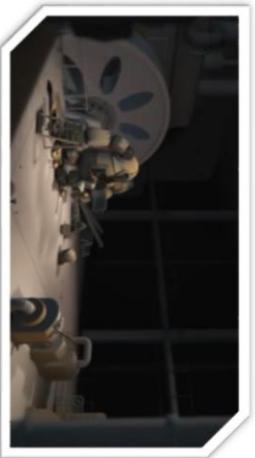
What can be seen on the floor?



What is surrounding the robot?



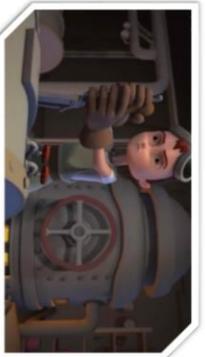
What can be heard when the machines start to work?



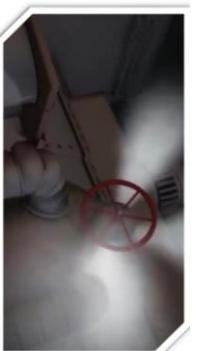
What can be seen in the workshop?



What can be touched in the workshop?



Which equipment can be touched in the workshop?



What smells fill the workshop?

## Planning ideas

What can be seen when you first walk into the workshop? **Think about the surfaces, the floor and the robot.**

What are the machines doing when you start working? **Think about which equipment you can touch and hear.**

What happens when the robot doesn't work? **Think about what the robot looks like.**

What happens when you try the machines again? **Think about what you can see, smell and hear.**

## Here are some examples to help you...

### Fronted adverbial phrases

**As the girl/boy skipped excitedly into the workshop,** she/he couldn't wait to continue working on their incredible invention.

**Leading a path to his/her masterpiece,** there were nuts, bolts and screws scattered everywhere.

**In the heart of the workshop,** the iron beast stood proudly.

### Using your senses to describe

His/Her creative, unique designs were strewn across the table. **See**

The machines hissed and whistled as they grinded into action. **Hear**

The smoky smell lingered in the air. **Smell**

He/She gripped the cold, metal wheel tightly and turned it with all their might. **Touch**

### Adjectives

**incredible** invention

**cold** lever

**silver** wheel

**bulging** eyes

**towering** robot

**large, red** button (expanded noun phrase)

### Possessive apostrophes

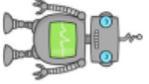
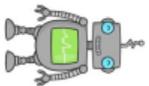
The **robot's** eyes began to flicker.

The **girl's** creative masterpiece stood proudly.

The **boy's** magnificent creation was so close to being completed.

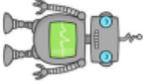


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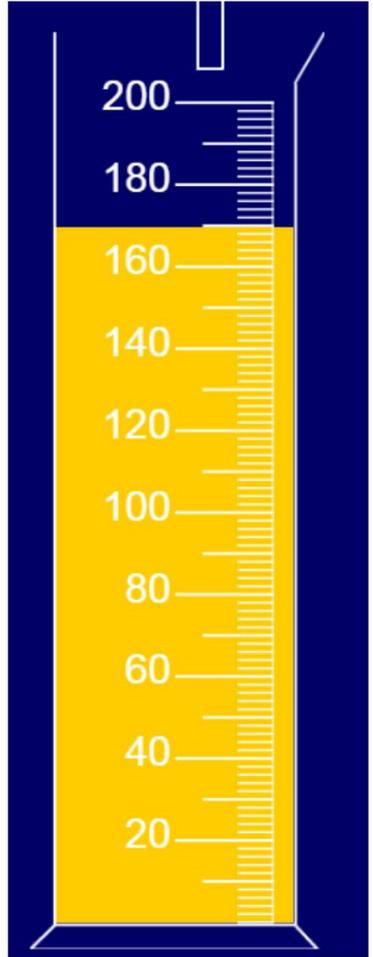
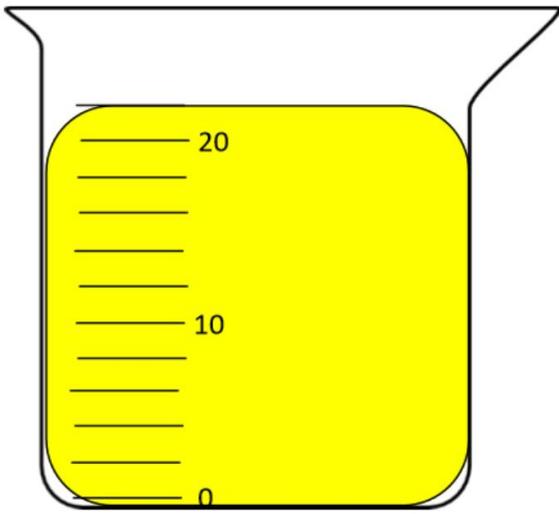
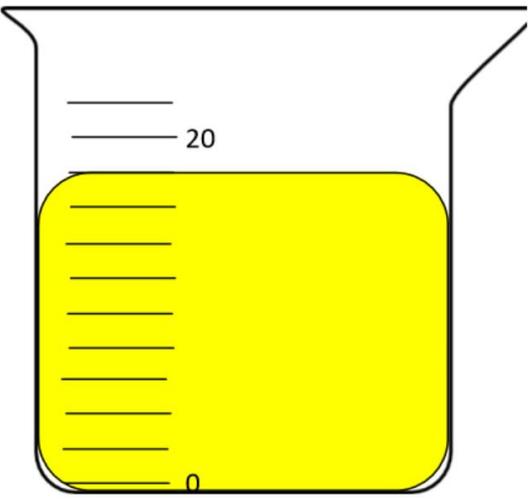




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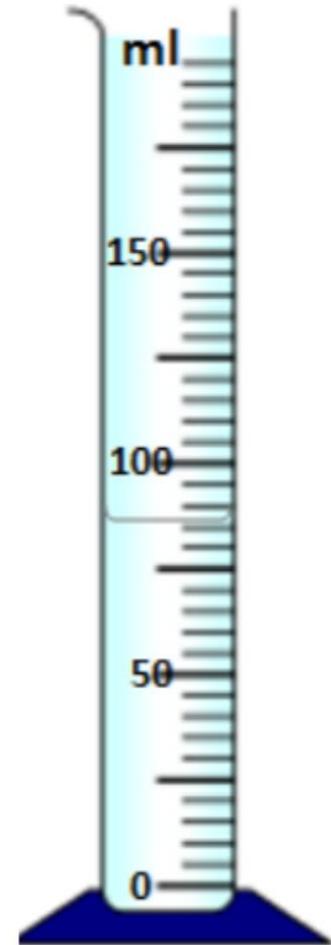
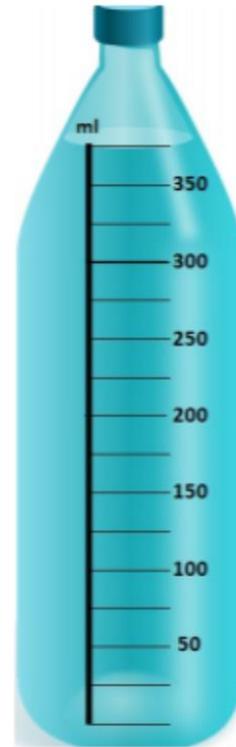
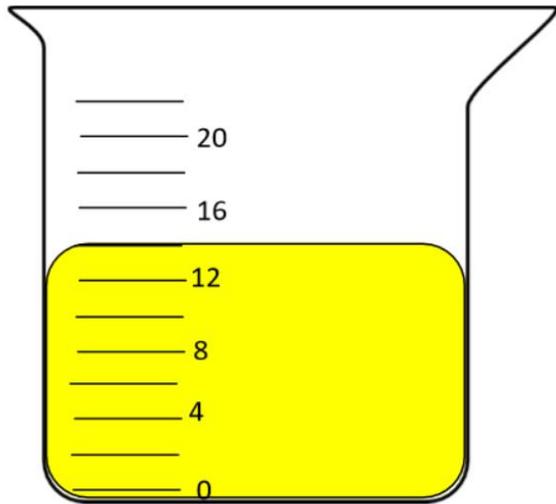


Part A what volume is being shown?  
(Each scale is in ml)



## Part B

Which container is being described?



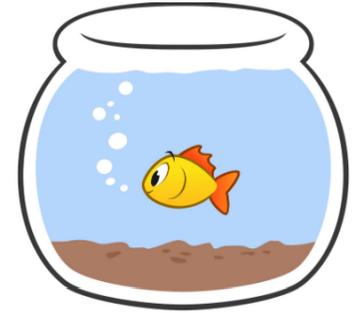
Contains more than  
350 ml

Less than 100 ml  
more than 50 ml

Exactly 14 ml

## Part C

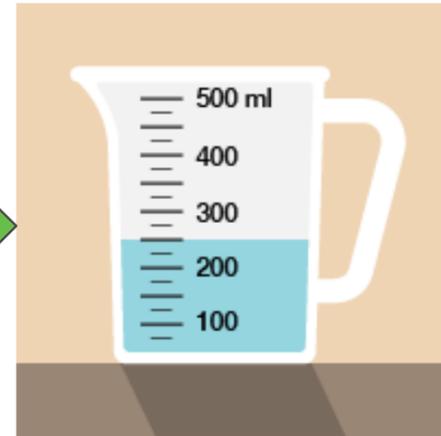
1. The capacity of this fish bowl is 5 litres.  
It is only half full  
What is the volume?



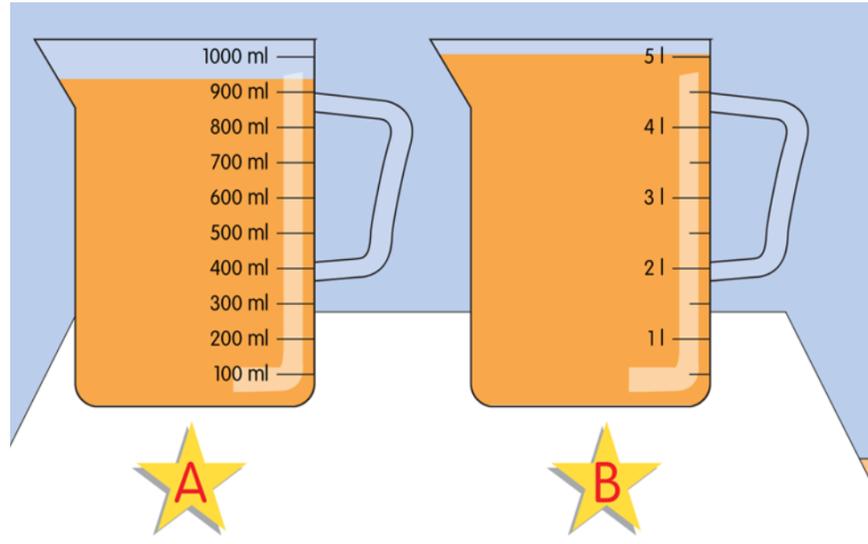
2. I drink 100 ml of this 500 ml bottle  
of juice, how much is left?



3. How much needs to be added to this jug for it to be full?



4. Which of these jugs has  
the smallest capacity?



Q1

$$\begin{array}{r} 531 \\ - \blacksquare 2 \blacksquare \\ \hline 404 \end{array}$$

What are the missing digits in this column subtraction?

1 mark

Q2

Arrange these number cards so that these two statements make sense.

Only use each number **once**.

**684**

**486**

**468**

**648**

<

>

1 mark

Q3

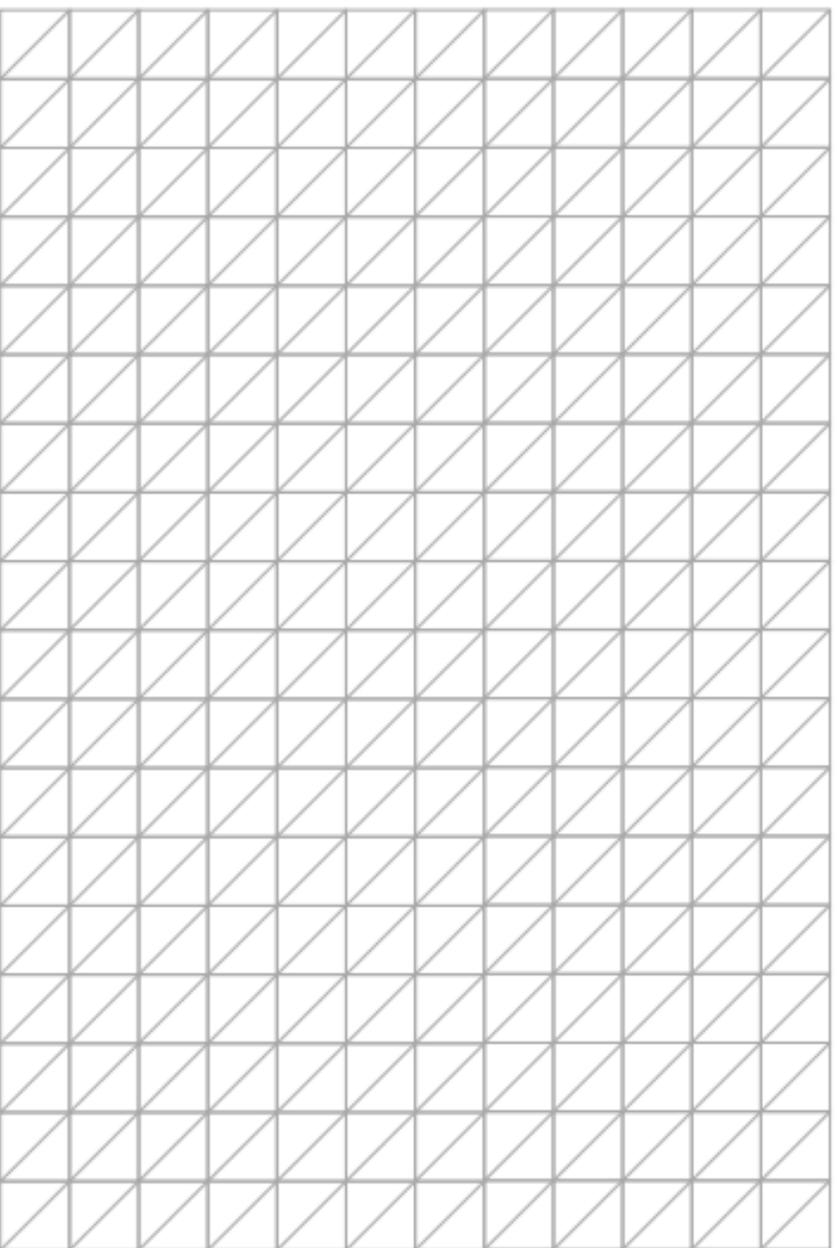
This table shows four activities that Alicia does on Saturday.

A	Watches a film	2 hours & 5 minutes
B	Brushes her teeth	2 minutes
C	Visits her cousin	1 hour
D	Walks the dog	25 minutes

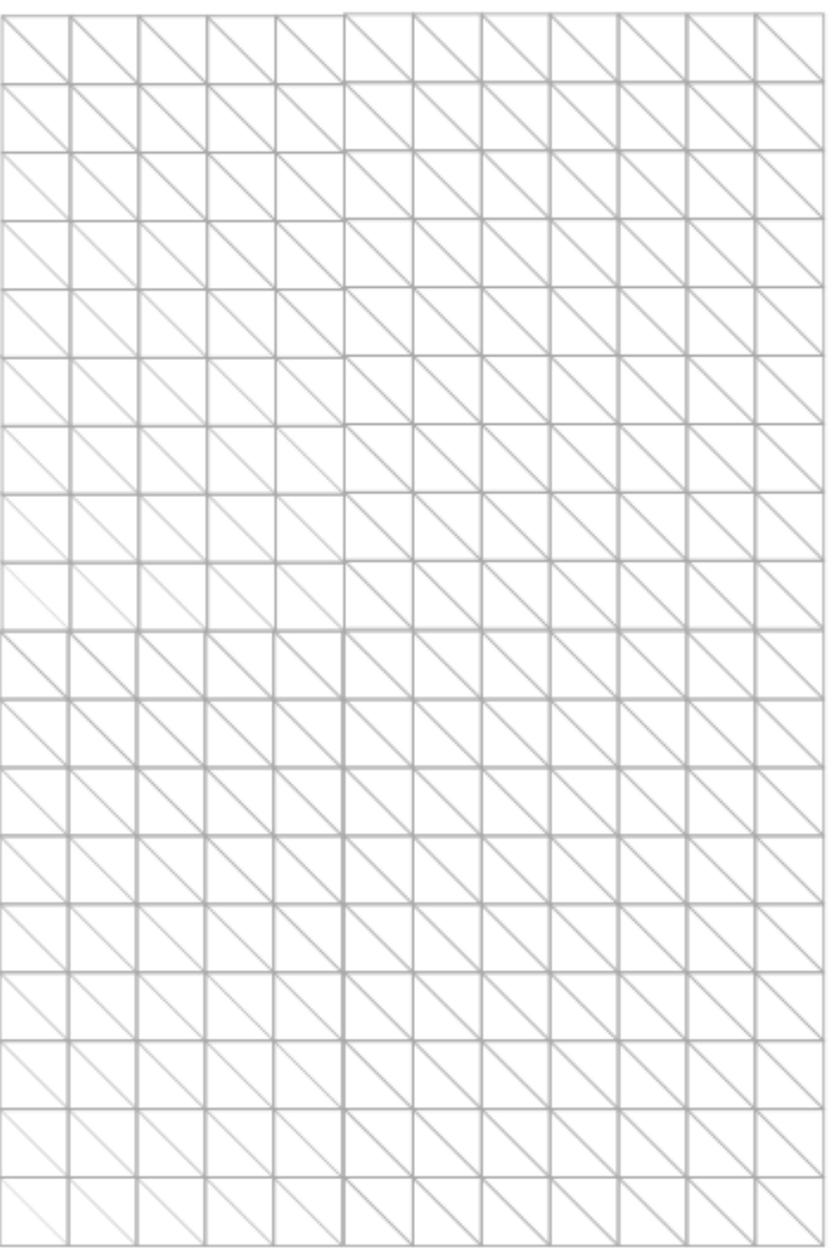
Write the letters A, B C and D in order of shortest to longest activity.

Shortest ← → Longest

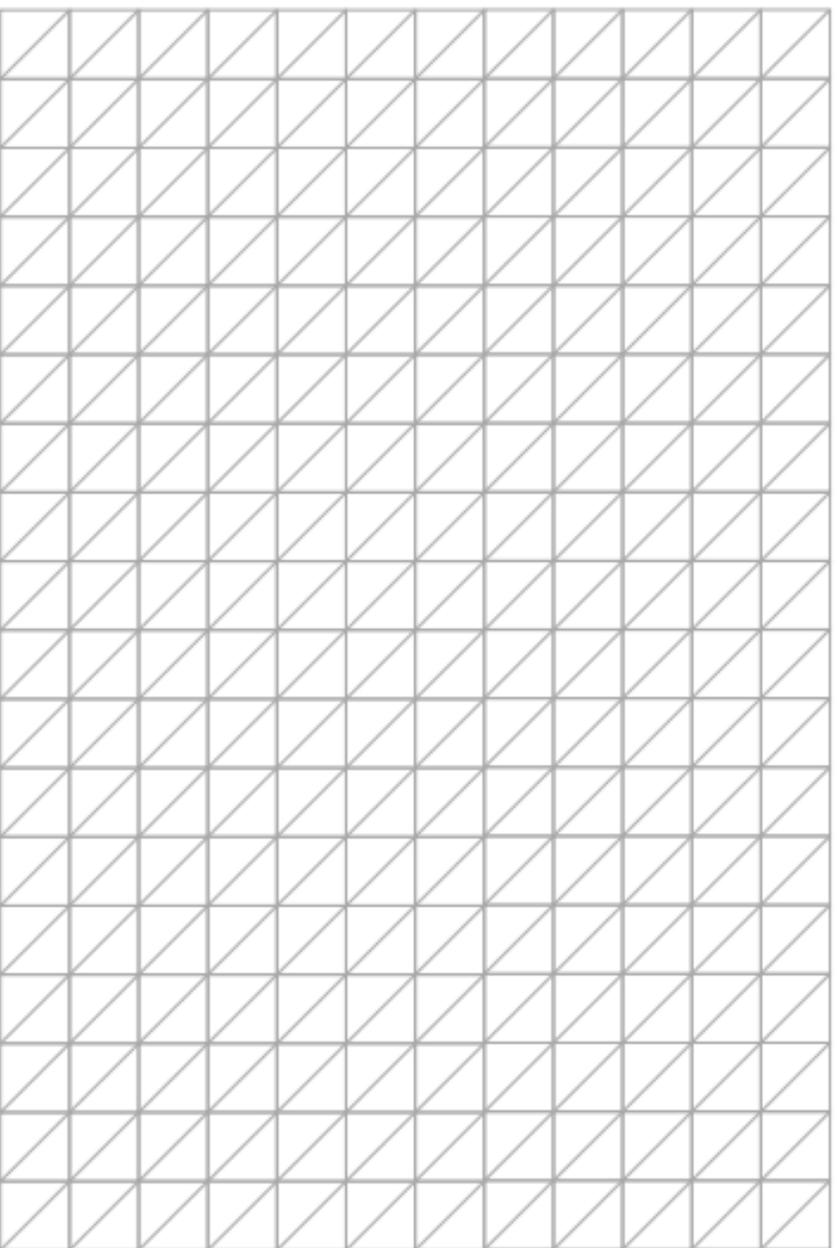
1 mark



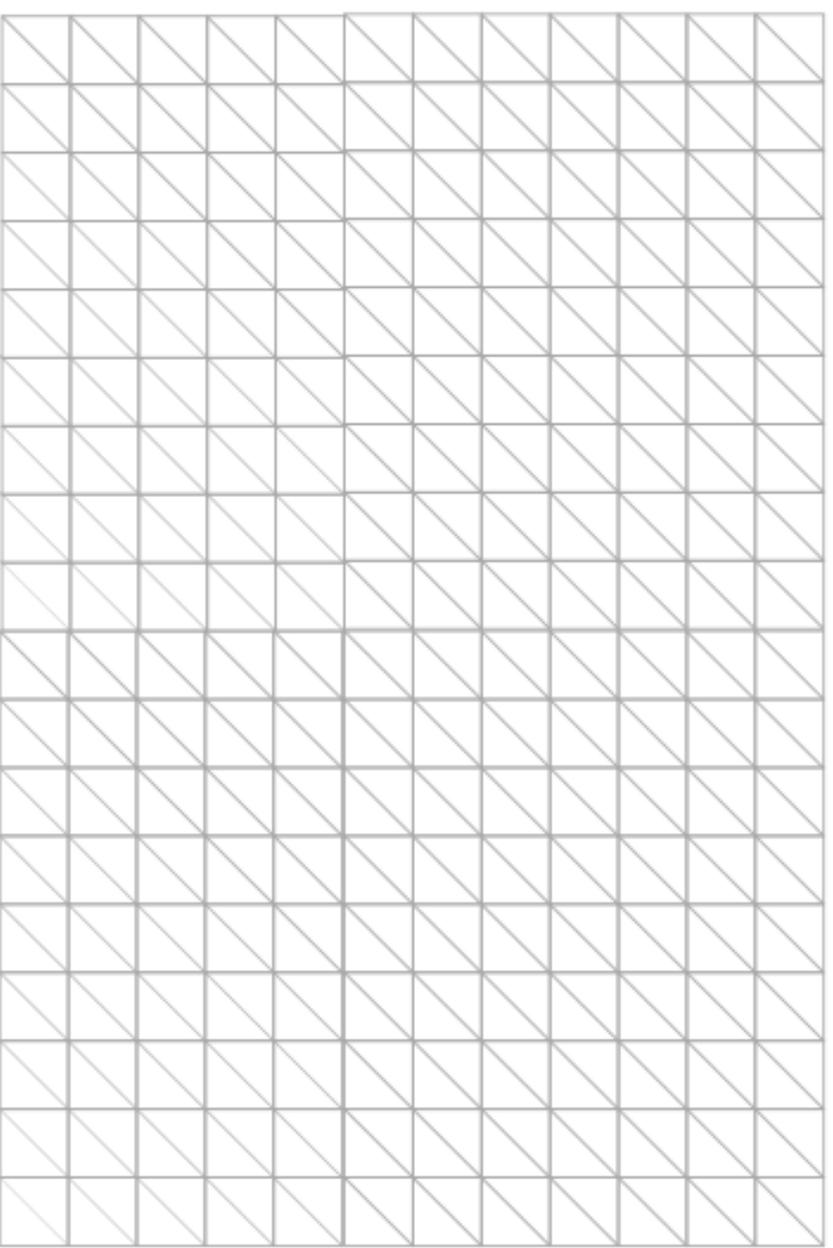
**Projected left**



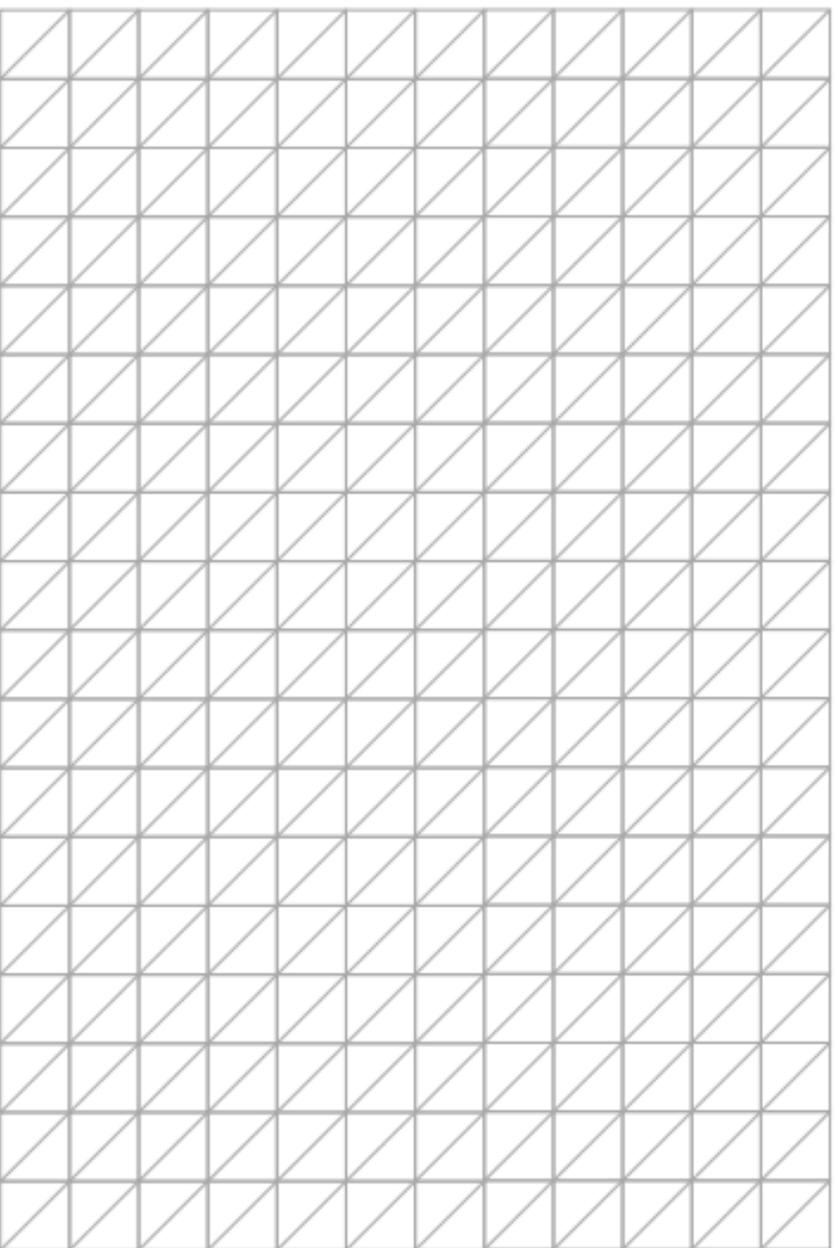
**Projected right**



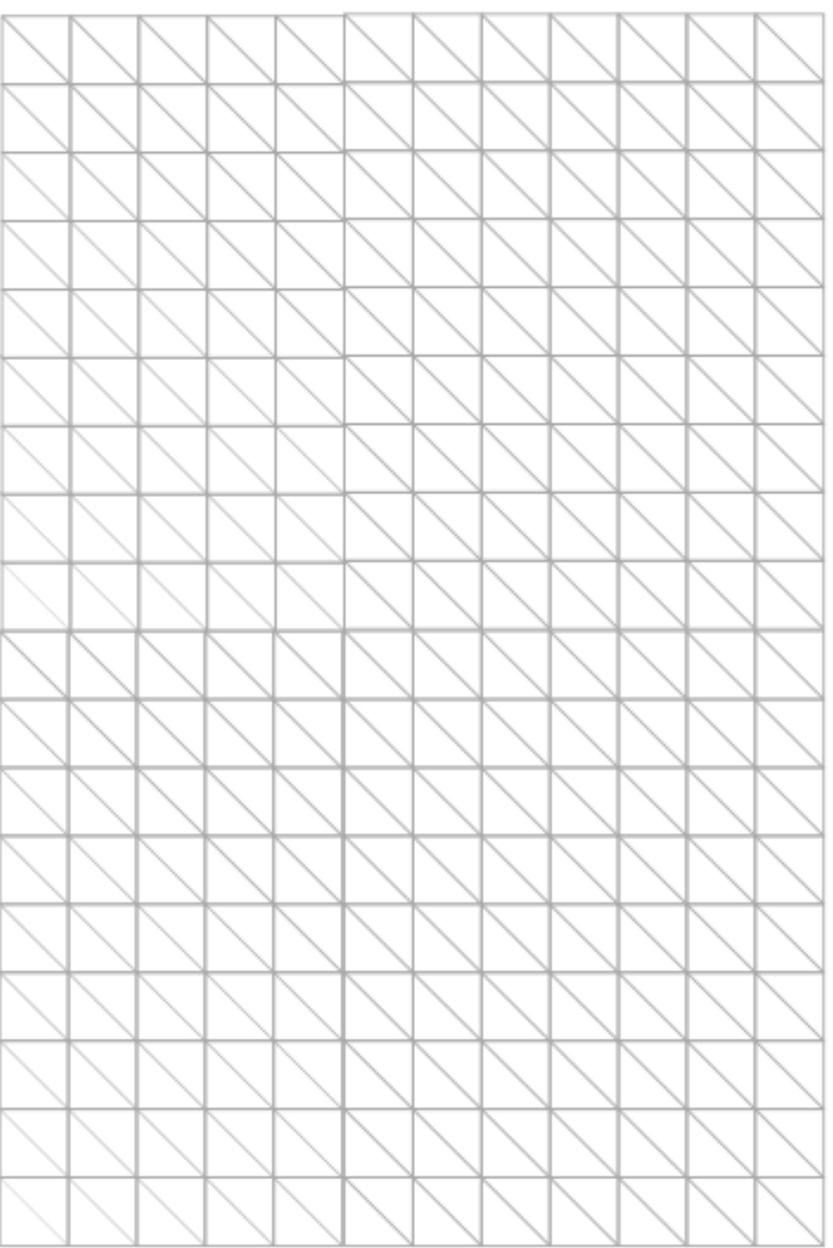
**Projected left**



**Projected right**



**Projected left**



**Projected right**



Q1

$$\begin{array}{r} 531 \\ - \blacksquare 2 \blacksquare \\ \hline 404 \end{array}$$

What are the missing digits in this column subtraction?

1

7

1 mark

Q2

Arrange these number cards so that these two statements make sense.  
Only use each number **once**.

684

486

468

648

648

<

684

486

>

468

1 mark

Q3

This table shows four activities that Alicia does on Saturday.

A	Watches a film	2 hours & 5 minutes
B	Brushes her teeth	2 minutes
C	Visits her cousin	1 hour
D	Walks the dog	25 minutes

Write the letters A, B C and D in order of shortest to longest activity.

Shortest ← → Longest

B

D

C

A

1 mark



# Year 3 Friday morning activities



## 5 Fluency Questions

$$7 + 8 + 7 = 22$$

$$18 \times 4 = 72$$

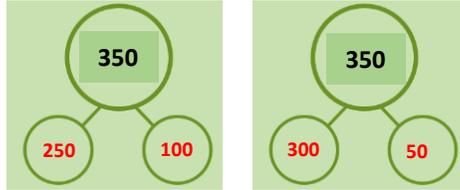
$$87 + 800 = 887$$

$$32 \div 4 = 8$$

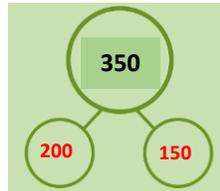
$$9 \times 4 = 36$$

## 5 Maths Problems

Find three different ways to complete this part whole model.



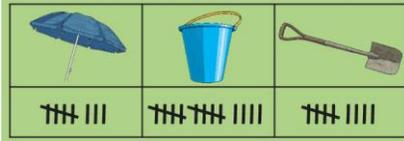
There are lots of ways to do this! For example...



What are the next three numbers in this sequence?



How many buckets and spades did Henry find in the sandpit? **23**



## Spelling Challenge

### Homophones – two, too and to.

Complete the sentences using the correct homophone.

1. There were two cookies left in the tin.
2. I usually go to my gran's house at the weekend.
3. I didn't need my coat today as it was too hot.
4. I can paint well but I am good at drawing too.
5. I like going to the park with my friends.

## How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



**36p**

