

Thursday 9th July 2020

Please refer to Monday's power point for the 'everyday' activities.

- Here's a bit of number fun.

MINIMATHS

Calculate the clues and fill in the grid with the answers

ACROSS

1. .. $69 + 16$

2. .. $13 - 3$

3. .. $42 + 22$

4. .. $20 + 48$

6. .. $58 + 29$

7. .. $20 + 73$

8. .. $32 + 14$

9. .. $47 - 26$

10. .. $38 + 39$

11. .. $79 - 7$

13. .. $96 - 7$

14. .. $46 + 35$

15. .. $56 + 2$

16. .. $45 + 45$

DOWN

1. .. $52 + 32$

2. .. $40 - 22$

3. .. $4 + 56$

4. .. $30 + 37$

5. .. $80 + 3$

6. .. $71 + 15$

7. .. $78 + 13$

8. .. $68 - 21$

9. .. $50 - 28$

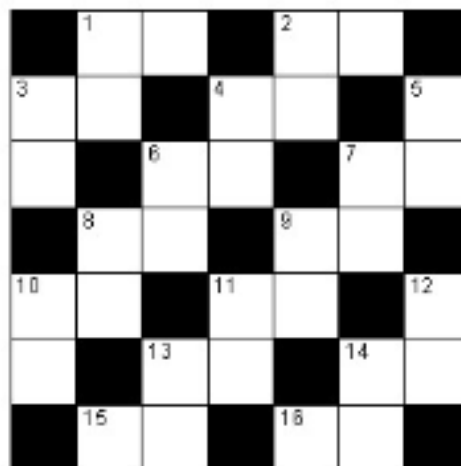
10. .. $96 - 18$

11. .. $93 - 14$

12. .. $50 - 9$

13. .. $94 - 6$

14. .. $59 + 21$



Maths !

- **First** complete the number bonds sheet. This week we are practicing our number bonds. The focus is to be as fast as you can. Each day you are aiming to be quicker than the day before. As a guide you should be able to answer a question a second.
- **Grown ups** - sorry no videos this week. we are slightly ahead of White Rose at the moment. but there are fun activities to do at home if you can.
- **Children** - the next two weeks are all about measures - mass and capacity.
- **Finally** check your answers and correct any mistakes, just like we do in class. You can even use a pink and green pen if you want to. (Bonus points if you find a mistake!)
- **Maths this week**
- **Monday** measuring mass practically
- **Tuesday** more measuring mass including some problem solving
- **Wednesday** comparing mass
- **Thursday** adding and subtracting mass
- **Friday** Maths challenge

You know the drill !

Number Bonds Challenges

Number Bonds Challenge 2

$4 + 5 =$	$1 + 6 =$	$2 + 6 =$
$3 + 4 =$	$5 + 4 =$	$7 + 1 =$
$1 + 7 =$	$2 + 5 =$	$2 + 5 =$
$5 + 3 =$	$3 + 6 =$	$3 + 6 =$
$7 + 2 =$	$0 + 7 =$	$7 + 2 =$
$1 + 8 =$	$6 + 3 =$	$1 + 8 =$
$0 + 7 =$	$1 + 7 =$	$0 + 7 =$
$4 + 4 =$	$5 + 4 =$	$4 + 5 =$
$2 + 5 =$	$9 + 0 =$	$6 + 2 =$
$9 + 0 =$	$3 + 6 =$	$3 + 4 =$
$4 + 3 =$	$2 + 5 =$	$9 + 0 =$
$8 + 0 =$	$6 + 1 =$	$5 + 3 =$
$5 + 2 =$	$1 + 8 =$	
$4 + 4 =$	$8 + 0 =$	

Tuesday's sheet, have you
got quicker?

Number Bonds Challenges

Number Bonds Challenge 3

$10 + 10 =$	$12 + 8 =$	$16 + 4 =$
$5 + 15 =$	$9 + 10 =$	$3 + 17 =$
$0 + 20 =$	$7 + 13 =$	$12 + 7 =$
$9 + 10 =$	$19 + 1 =$	$4 + 15 =$
$4 + 16 =$	$6 + 13 =$	$11 + 9 =$
$18 + 2 =$	$2 + 18 =$	$2 + 17 =$
$1 + 18 =$	$13 + 6 =$	$10 + 9 =$
$14 + 6 =$	$20 + 0 =$	$8 + 12 =$
$11 + 8 =$	$15 + 4 =$	$17 + 3 =$
$7 + 12 =$	$13 + 7 =$	$5 + 14 =$
$6 + 14 =$	$14 + 5 =$	$16 + 3 =$
$8 + 11 =$	$18 + 2 =$	$1 + 19 =$
$3 + 16 =$	$9 + 11 =$	
$10 + 10 =$	$15 + 5 =$	

You know the drill !

Number Bonds Challenge 4

$4 + 6 =$	$2 + 18 =$	$50 + 50 =$
$1 + 9 =$	$70 + 30 =$	$80 + 20 =$
$30 + 70 =$	$14 + 6 =$	$2 + 8 =$
$5 + 15 =$	$5 + 5 =$	$17 + 3 =$
$80 + 20 =$	$17 + 3 =$	$40 + 60 =$
$2 + 8 =$	$11 + 9 =$	$100 + 0 =$
$13 + 7 =$	$90 + 10 =$	$3 + 7 =$
$10 + 90 =$	$6 + 4 =$	$1 + 9 =$
$16 + 4 =$	$70 + 30 =$	$70 + 30 =$
$7 + 13 =$	$1 + 9 =$	$18 + 2 =$
$10 + 10 =$	$14 + 6 =$	$5 + 15 =$
$1 + 9 =$	$0 + 20 =$	$10 + 0 =$
$8 + 2 =$	$2 + 18 =$	
$50 + 50 =$	$7 + 3 =$	

Thursday's sheet

Solve the Number Bonds

1) ___ + 16 = 20

2) ___ + 20 = 20

3) ___ + 9 = 20

4) ___ + 11 = 20

5) 10 + ___ = 20

6) ___ + 1 = 20

7) 18 + ___ = 20

8) ___ + 14 = 20

9) 8 + ___ = 20

10) 20 + ___ = 20

11) ___ + 7 = 20

12) 6 + ___ = 20

13) 17 + ___ = 20

14) ___ + 19 = 20

15) 7 + ___ = 20

16) 14 + ___ = 20

17) ___ + 17 = 20

18) 19 + ___ = 20

19) 12 + ___ = 20

20) 15 + ___ = 20

21) ___ + 6 = 20

22) ___ + 15 = 20

23) ___ + 2 = 20

24) ___ + 18 = 20

25) 11 + ___ = 20

26) 0 + ___ = 20

27) 15 + ___ = 20

28) 3 + ___ = 20

29) ___ + 19 = 20

30) ___ + 4 = 20

Answers

Solve the Number Bonds

$1) 4 + 16 = 20$

$2) 0 + 20 = 20$

$3) 11 + 9 = 20$

$4) 9 + 11 = 20$

$5) 10 + 10 = 20$

$6) 19 + 1 = 20$

$7) 18 + 2 = 20$

$8) 6 + 14 = 20$

$9) 8 + 12 = 20$

$10) 20 + 0 = 20$

$11) 13 + 7 = 20$

$12) 6 + 14 = 20$

$13) 17 + 3 = 20$

$14) 1 + 19 = 20$

$15) 7 + 13 = 20$

$16) 14 + 6 = 20$

$17) 3 + 17 = 20$

$18) 19 + 1 = 20$

$19) 12 + 8 = 20$

$20) 15 + 5 = 20$

$21) 14 + 6 = 20$

$22) 5 + 15 = 20$

$23) 18 + 2 = 20$

$24) 2 + 18 = 20$

$25) 11 + 9 = 20$

$26) 0 + 20 = 20$

$27) 15 + 5 = 20$

$28) 3 + 17 = 20$

$29) 1 + 19 = 20$

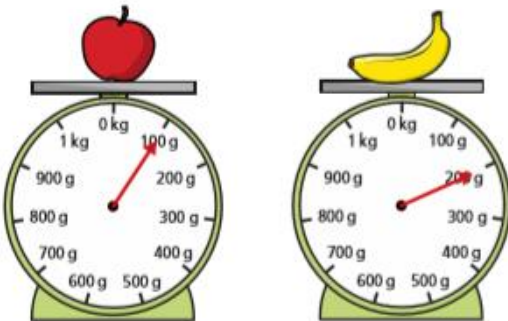
$30) 16 + 4 = 20$

Remember your column addition and subtraction skills and also that 1000g = 1kg

Add and subtract mass

Rose Maths

- 1 Teddy is measuring the weight of some fruit.



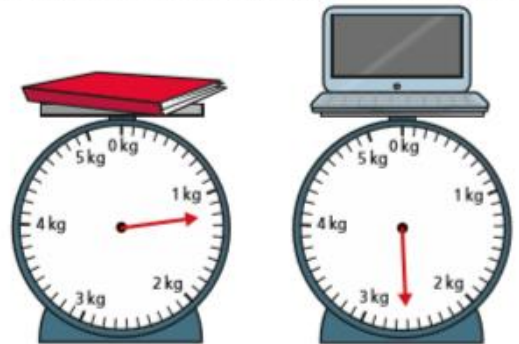
- a) What is the weight of the apple? g
- b) What is the weight of the banana? g
- c) Teddy puts both pieces of fruit on the same scale. What is the total weight of the apple and the banana? g

- 2 Alex is measuring the weight of some ingredients.



- What is the total weight of the ingredients? kg

- 3 Ron is measuring the mass of some objects in the classroom.



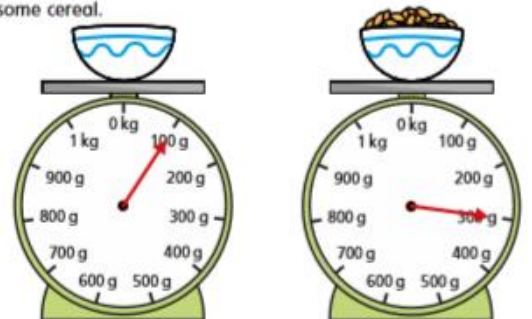
Ron puts both objects on the same scale.

What is the total mass of the objects?

kg and g

- 4 Aisha is weighing out some cereal.

First she puts the bowl on the scales. Then she pours out some cereal.



What is the weight of the cereal in the bowl? g

5 A dog weighs 8 kg and 200 g when it is 8 weeks old.

The same dog weighs 12 kg and 900 g when it is 12 weeks old.

What is the difference in the dog's weight between 8 and 12 weeks?

kg and g

6 The mass of a tin is 450 g.

The mass of a book is 300 g.



Draw books on the scales to balance the tins.



7 Complete the number sentences.

a) $1\text{ kg } 250\text{ g} + 5\text{ kg } 300\text{ g} = \text{ kg g}$

b) $3\text{ kg } 450\text{ g} + 8\text{ kg } 120\text{ g} = \text{ kg g}$

c) $15\text{ kg } 960\text{ g} - 11\text{ kg } 270\text{ g} = \text{ kg g}$

d) $36\text{ kg } 317\text{ g} - 21\text{ kg } 199\text{ g} = \text{ kg g}$

e) $1\text{ kg} - \text{ g} = 200\text{ g}$

8 Tommy and Rosie are working out the total weight of the box and the suitcase.



The total weight is 5 kg and 1,200 g.

Tommy



The total weight is 6 kg and 200 g.

Rosie

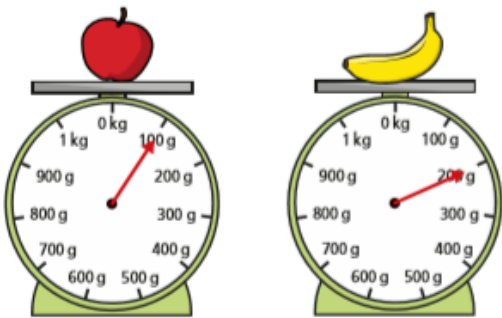
Who is correct? _____

Talk about it with a partner.

- Over the next few slides the work gets trickier, you can choose where to start, just do what you can.

Add and subtract mass

1 Teddy is measuring the weight of some fruit.



- a) What is the weight of the apple? g
- b) What is the weight of the banana? g
- c) Teddy puts both pieces of fruit on the same scale. What is the total weight of the apple and the banana? g

2 Alex is measuring the weight of some ingredients.



What is the total weight of the ingredients? kg

3 A dog weighs 8 kg and 200 g when it is 8 weeks old. The same dog weighs 12 kg and 900 g when it is 12 weeks old.

What is the difference in the dog's weight between 8 and 12 weeks?

kg and g

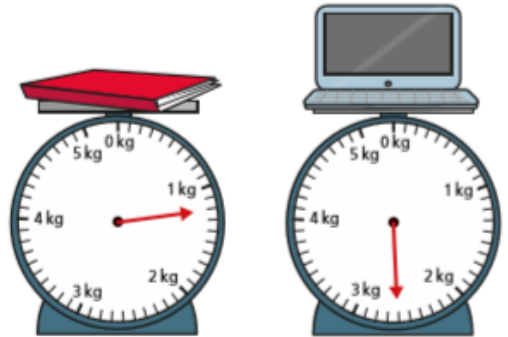
4 The mass of a tin is 450 g. The mass of a book is 300 g.



Draw books on the scales to balance the tins.



5 Ron is measuring the mass of some objects in the classroom.

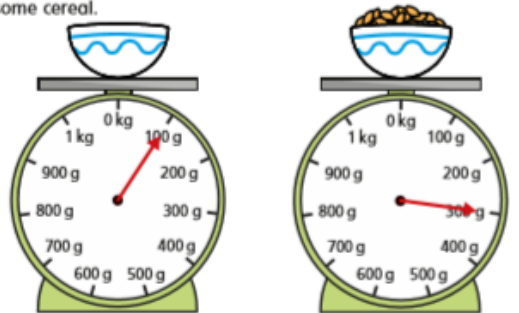


Ron puts both objects on the same scale.

What is the total mass of the objects? kg and g

6 Aisha is weighing out some cereal.

First she puts the bowl on the scales. Then she pours out some cereal.



What is the weight of the cereal in the bowl? g

7 Complete the number sentences.

a) $1\text{ kg } 250\text{ g} + 5\text{ kg } 300\text{ g} =$ kg g

b) $3\text{ kg } 450\text{ g} + 8\text{ kg } 120\text{ g} =$ kg g

c) $15\text{ kg } 960\text{ g} - 11\text{ kg } 270\text{ g} =$ kg g

d) $36\text{ kg } 317\text{ g} - 21\text{ kg } 199\text{ g} =$ kg g

e) $1\text{ kg} -$ g $= 200\text{ g}$

8 Tommy and Rosie are working out the total weight of the box and the suitcase.



Tommy: The total weight is 5 kg and 1,200 g.

Tommy

Rosie: The total weight is 6 kg and 200 g.




Rosie


Who is correct? Both


Talk about it with a partner.


Remember, when you see the word difference it means take away.

	okapi
mass	350kg


- 1) What is the combined mass of the lion and the okapi?
- 2) What is the difference between the western gorilla and the lion?
- 3) What is the combined mass of the zebra, the lion and the okapi?

	lion
mass	190kg


	zebra
mass	350kg


	western gorilla
mass	160kg


Combined is another way of saying altogether.









	chimpanzee
mass	60kg

- 1) What is the combined mass of the tiger and the Bactrian camel?
- 2) What is the difference between the chimpanzee and the wombat?
- 3) What is the combined mass of the tiger, the wombat and the Bactrian camel?

	wombat
mass	35kg

	Bactrian camel
mass	480kg

	tiger
mass	310kg

							
cassowary 60kg	dingo 20kg	okapi 350kg	lion 190kg	tiger 310kg	wombat 35kg	koala 15kg	llama 200kg

1) Calculate the combined mass of the following:

a) Tiger and lion.

b) Okapi, cassowary and wombat.

c) Dingo, lion and cassowary.

2) Calculate the difference in mass of the following:

a) Wombat and okapi.

b) Cassowary and tiger.

c) Okapi and lion.

Answers

- 1. $190\text{kg} + 350\text{ kg} = 540\text{kg}$
 - 2. $190\text{ kg} - 160\text{ kg} = 30\text{ kg}$
 - 3. $350\text{ kg} + 190\text{ kg} + 350\text{ kg} = 890\text{ kg}$
-
- 1. $310\text{ kg} + 480\text{ kg} = 790\text{ kg}$
 - 2. $60\text{ kg} - 35\text{ kg} = 25\text{kg}$
 - 3. $310\text{ kg} + 35\text{ kg} + 480\text{ kg} = 825\text{ kg}$



Animal Mass **Answers**

I can solve addition and subtraction problems involving kilograms.

- 1) Calculate the combined mass of the following:
 - a) Tiger and lion.
500kg
 - b) Okapi, cassowary and wombat.
445kg
 - c) Dingo, lion and cassowary
270kg
- 2) Calculate the difference in mass of the following:
 - a) Wombat and okapi.
315kg
 - b) Cassowary and tiger.
250kg
 - c) Okapi and lion.
160kg

To complete the following sheets you need the top animal cards further down the slides. You don't need to print them, just use the information on them.

1) Zach the zookeeper is trying to work out how much animal food he has left in each bag.



How much food is left?



495g was used to feed the lemurs yesterday.

mass: _____



1kg 860g was used to feed the lemurs yesterday.

mass: _____



930g was used to feed the otters yesterday.

mass: _____

2) Zach the zookeeper put all the leftover food in his wheelbarrow. What was the total mass of food in the wheelbarrow? _____

You will need the Animal Top Cards. Zach the zookeeper is trying to work out which animals he can transport in his truck. His truck has a maximum limit of 500kg.



- 1) What is the total mass of the animals?
- 2) Can Zach transport these in his truck? (Circle the correct answer).



mass: _____

yes / no



mass: _____

yes / no



mass: _____

yes / no

3) Zach's assistant says that no other animal from their zoo can travel with the camel in the truck. Is this correct? Explain why.

You will need the Animal Top Cards. Use the information on the cards to work out the mass of each mother's baby.



- 1) What is the mass of one baby?



mass: _____






mass: _____









mass: _____



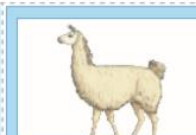
- 2) Explain how you worked out the mass of each baby.




- 3) The total mass of some of the baby animals is 72kg.
Which combinations of animal babies could have been included in this total?




		
chimpanzee	Bactrian camel	zebra
mass 60kg	mass 480kg	mass 350kg

		
lion	tiger	kangaroo
mass 190kg	mass 310kg	mass 100kg

		
cassowary	emu	echidna
mass 60kg	mass 40kg	mass 5kg

		
koala	dingo	llama
mass 15kg	mass 20kg	mass 200kg


		
wombat	western gorilla	okapi
mass 35kg	mass 160kg	mass 350kg

		
Bornean orangutan	leopard	giant anteater
mass 100kg	mass 30kg	mass 40kg


1) 1kg 5g, 1kg 440g, 2kg 320g
 2) 4kg 765g



1) 550kg, 440kg, 500kg
 2) No, No, Yes
 3) This is correct as the camel is 480kg, leaving only 20kg for another animal. None of the other animals at the zoo have a mass less than 20kg.



1) 36kg, 600g, 1kg 500g
 2) Accept children's own explanations that lead to the correct answer.
 3) Accept any correct combination that totals 72kg, such as two camels or four lion cubs, 50 emu eggs and a camel.



English Spellings: Thursday

Spellings for the last few weeks of term are going to be slightly different as we have now covered all the spellings assigned to Year 3.

However I am going to ask you to do a little bit of self assessing, as we can no longer do this in class, and look at all the spellings you will need to be confident with by the end of next year. Many of these spellings we have had and you will feel confident with - some however you may not. Go through the list and pick a few a day to practise. Use the Look, Cover, Write, Check or any of the other spelling activities you have been doing to practise these.

I will put a larger copy on the next slide to print and you can tick them off as you complete each one or highlight the ones you need more practise with.

New Curriculum Spelling List Years 3 and 4



accident	centre	experience	important	ordinary	reign
accidentally	century	experiment	interest	particular	remember
actual	certain	extreme	island	peculiar	sentence
actually	circle	famous	knowledge	perhaps	separate
address	complete	favourite	learn	popular	special
although	consider	February	length	position	straight
answer	continue	forwards	library	possess	strange
appear	decide	fruit	material	possession	strength
arrive	describe	grammar	medicine	possible	suppose
believe	different	group	mention	potatoes	surprise
bicycle	difficult	guard	minute	pressure	therefore
breath	disappear	guide	natural	probably	though
breathe	early	heard	naughty	promise	thought
build	earth	heart	notice	purpose	through
busy	eight	height	occasion	quarter	various
business	eighth	history	occasionally	question	weight
calendar	enough	imagine	often	recent	woman
caught	exercise	increase	opposite	regular	women

New Curriculum Spelling List Years 3 and 4

accident	centre	experience	important	reign
accidentally	century	experiment	interest	ordinary
actual	certain	extreme	island	particular
actually	circle	famous	knowledge	peculiar
address	complete	favourite	learn	perhaps
although	consider	February	length	popular
answer	continue	forwards	library	position
appear	decide	fruit	material	possess
arrive	describe	grammar	medicine	possession
believe	different	group	mention	possible
bicycle	difficult	guard	minute	potatoes
breath	disappear	guide	natural	pressure
breathe	early	heard	naughty	probably
build	earth	heart	notice	promise
busy	eight	height	occasion	purpose
business	eighth	history	occasionally	quarter
calendar	enough	imagine	often	question
caught	exercise	increase	opposite	recent
				regular
				woman
				women

English SPaG: Thursday 9th July

On the next two slides are some additional spelling, punctuation and grammar practise questions.

Name:

Date:

10
total marks

Year 3 English Grammar and Punctuation Test 1

1. Add 'a' or 'an' to the sentence below.

As treat, we sometimes take picnic to amazing park nearby.

1 mark

2. Draw lines to match the words below to the appropriate prefix.

tele

angle

semi

vision

tri

circle

1 mark

3. Underline all the direct speech in the sentence below.

"Buster!" shouted Dad. "Come here, boy!"

1 mark

4. Read this sentence. Circle the adverbs.

Slowly and silently, the snake slithered through the grass.

1 mark

total for this page

5. Look at the words in the table. Do they start with a consonant or a vowel? Tick one option.

1 mark

Word	Starts with a consonant	Starts with a vowel
apple		
project		
elephant		
umbrella		
rollercoaster		

6. Look at the newspaper article below. Circle the sub-headings.

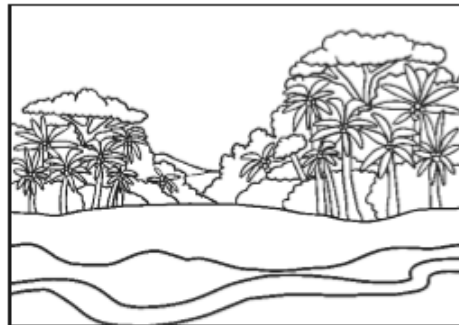
1 mark

It's a Heatwave!

Summer is Finally Here

As Britain swelters in the warmth of an unexpected heatwave, weather forecasters have confirmed that the hot weather is here to stay. According to Sunni Shine, chief weather reporter for the Weather Channel, temperatures look set to stay high until the end of the month.

"Today is the hottest day of the year," said Sunni from her studio, "and we can expect more good weather – get out your BBQ!"



Wettest May on Record

The warm weather is particularly welcome after what has been dubbed 'Miserable May', the wettest May since records began.

English SPaG: Thursday 9th July

Year 3 English Grammar and Punctuation Test 1

3

7. Change the verb in the sentence below to use the present perfect form of the verb.

He in Birmingham since he was very small.

↑

to live

1 mark

8. Circle the preposition in this sentence.

I found my kitten hiding under the kitchen table.

1 mark

9. In which sentence is the direct speech correctly punctuated? Tick one.

“Who did that? demanded the teacher crossly.”

“Who did that?” demanded the teacher crossly.

Who did that? demanded the teacher crossly.

1 mark

10. What is the root word for this family of words?

adventure

event

invent

prevent

1 mark

END OF TEST

total for
this page

English SPaG: ANSWERS

Year 3 English Grammar and Punctuation Test 1

Answers

1 As treat, we sometimes take picnic to amazing park nearby. 1 mark

2

tele	angle
semi	vision
tri	circle

1 mark

3 "**Buster!**" shouted Dad. "**Come here, boy!**" 1 mark

4 **Slowly** and **silently**, the snake slithered unnoticed through the grass. 1 mark

5

Word	Starts with a consonant	Starts with a vowel
apple		x
project	x	
elephant		x
umbrella		x
rollercoaster	x	

1 mark


6

It's a Heatwave!

Summer is Finally Here

As British weather in the warmth of an unexpected hotwave, weather forecasters have confirmed that the hot weather is here to stay. According to Sarah Shaw, chief weather reporter for the Weather Channel, temperatures look set to stay high until the end of the month.

"Today is the hottest day of the year," said Sarah from her studio, "and we can expect more good weather – get out your BBQ!"



Wettest May on Record

The warm weather is particularly welcome after what has been dubbed 'Miserable May', the wettest May since records began.

1 mark

7 He in Birmingham since he was very small. 1 mark

8 I found my kitten hiding **under** the kitchen table. 1 mark

9 "Who did that?" demanded the teacher crossly. 1 mark

"Who did that?" demanded the teacher crossly. x

Who did that? demanded the teacher crossly.

10 1 mark