

## Year 4 Maths Distance Teaching and Learning

Week beginning: 04.05.20

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Lesson 1		
Learning Intention:	Key Vocabulary:	What you will need:
WALT: use estimation to support calculation	Estimate – to roughly calculate or judge the valu	A computer, tablet or phone for the starter Maths book Pencil and ruler Video: Year 4 Maths - Week 3 - lesson 1
Starter	1	
Log onto Times Tables Rock	Stars and complete a sour	nd check.
Main Teaching		
and using a range of mental calculating mentally easier a chance of error. It is also use	methods to help us solve ca s less digits are involved wh eful to know an approximate	be focusing on addition skills alculations. Estimating makes nen adding. This reduces the answer before you try to work dge whether your exact answer
Skills you will need to remen	uber to help you through this	s session:
Round down:	Round up:	
1, 2, 3 and 4	5, 6, 7, 8 and 9	
<ul> <li>The ones are your sig or down.</li> <li>When rounding to the neares</li> <li>Find the multiple of a</li> </ul>	n either side of your numbe nificant column, which help st hundred: hundred either side of your	you know whether to round up
	thousand either side of your	r number help you know whether to round
Remember to use the approx	ximate symbol when showin	ng your answer (≈).
L		



## Example 1

Estimate an answer to this calculation 67 + 182 =

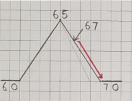
Rounding to the nearest ten would be more appropriate and accurate as there is one number which only has tens and ones. It also keeps the number as close to its true value as possible.

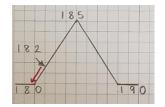
Step 1 – Round number one to the nearest ten.

67 ≈ 70

Step 2 – Round number two to the nearest ten.

182 ≈ 180





Step 3 – Complete the calculation with both rounded amounts to find the approximate total.

67 + 182 ≈ 70 + 180 SO 70 + 180 = 250

67 + 182 ≈ 250 when rounded to the nearest ten.

## Example 2:

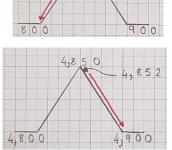
Find an approximate answer to 834 + 4,852.

Although rounding to the nearest ten would be most accurate, it would still leave us with a lot of digits to calculate with mentally. Therefore, rounding to the nearest hundred would be most efficient here.

Step 1 – Round number one to the nearest hundred.

834 ≈ 800

Step 2 – Round number two to the nearest hundred.



4,852 ≈ 4,900

Step 3 – Complete the calculation with both rounded amounts to find the approximate total.

 $834 + 4,852 \approx 800 + 4,900$  SO 800 + 4,900 = 5,700

 $834 + 4,852 \approx 5,700$  when rounded to the nearest hundred.



### Example 3

Find an approximate answer to 5,382 + 2,625

Both these numbers are four-digit numbers. Although rounding to the nearest ten or hundred would be more accurate, it would still leave us with a lot of digits to calculate mentally. Therefore, rounding to the nearest thousand would be most efficient here.

Step 1 – Round number one to the nearest thousand.

5,382 ≈ 5,000

Step 2 – Round number two to the nearest thousand.

2,625 ≈ 3,000

Step 3 – Complete the calculation with both rounded amounts to find the approximate total.

 $5,382 + 2,625 \approx 5,000 + 3,000$  SO 5,000 + 3,000 = 8,000

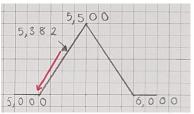
 $5,382 + 2,625 \approx 8,000$  when rounded to the nearest thousand.

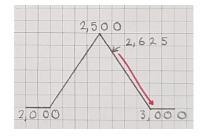
**SOMETHING TO REMEMBER** – Rounding is approximate and can sometimes give us an answer that is not as close to the exact as we'd hope. This is because digits liked 4,5 and 6 are still considered as not being that close to the multiple you are rounding to, especially when using the hundreds to round to the nearest thousand! Rounding to the nearest ten will always allow a closer answer as you are keeping the original number as close as possible to its true value.

This may help you with your Challenge X answers!

Independent Tasks:

Please complete 1 or 2 challenges. If you are finding a challenge too tricky or too easy after 3 questions, you should switch challenges. After you have completed your challenge, check your answers against the mark scheme. If you got an answer wrong, look carefully and identify where you made a mistake.







	MARY SCHO
Challenge 1	
Round each of the below questions to the suggested multiple to estimate a	an answer.
Don't forget to follow the steps in the examples and show your final answe	
*original number 1* + *original number 2* ≈ when rounded to the nearest	t
Round to the nearest ten 1) 24 + 62	
2) 73 + 18	
3) 31 + 89	
4) 44 + 35	
Round to the nearest hundred 5) 564 + 182	
6) 919 + 120	
7) 325 + 576	
Challenge 2	
Round each of the below questions to the suggested multiple to estimate	
Don't forget to follow the steps in the examples and show your final answe	
*original number 1* + *original number 2* ≈ when rounded to the nearest	t
Round to the nearest ten	
1) 465 + 331	
2) 856 + 129	
Dound to the nearest bundred	
Round to the nearest hundred 3) 621 + 437	
3) 621 + 437	
4) 7,685 + 219	
Round to the nearest thousand	
5) 3,654 + 2,253	
6) 5,962 + 2,542	
7) 4,804 + 1,389	



Challenge 3
Round each of the below questions to the suggested multiple to estimate an answer. Don't forget to follow the steps in the examples and show your final answer as:
*original number 1* + *original number $2^* \approx$ when rounded to the nearest
Round to the nearest ten 1) 7,293 + 1,761
2) 3,846 + 478
Round to the nearest hundred 3) 967 + 6,432
4) 5,035 + 2,195
5) 4,526 + 1, 952
Round to the nearest thousand
6) 8, 984 + 1,067
7) 2,965 + 4,555
Challenge X
<ol> <li>Sarah has £70. She wants to buy some trainers for £39 and some tracksuit bottoms for £34. Use rounding to check she has enough money.</li> </ol>
2) Now, work out the exact amount of money Sarah needs.
<ol> <li>Using question 1 and 2 as evidence, explain why, in the context of money, we need to be careful with rounding to get an approximate answer.</li> </ol>
Review
Find an approximate answer to 58 + 123 + 511



## Mark Scheme – Lesson 1

Independent Tasks
Challenge 1
1) $24 + 62 \approx 80$ when rounded to the nearest ten
2) 73 + 18 $\approx$ 90 when rounded to the nearest ten
_,
3) 31 + 89 $\approx$ 120 when rounded to the nearest ten
, ,
4) 44 + 35 $\approx$ 80 when rounded to the nearest ten
5) 564 + 182 $\approx$ 800 when rounded to the nearest hundred
6) 919 + 120 $\approx$ 1,000 when rounded to the nearest hundred
7) 325 + 576 $\approx$ 900 when rounded to the nearest hundred
7) 525 + 576 ~ 900 when rounded to the field est hundred
Challenge 2
1) 465 + 331 ≈ 800 when rounded to the nearest ten
2) 856 + 129 $\approx$ 990 when rounded to the nearest ten
3) 621 + 437 $\approx$ 1,000 when rounded to the nearest hundred
4) 7,685 + 219 $\approx$ 7,900 when rounded to the nearest hundred
E) 2 CE4 + 2 2E2 = C 000 where rewaded to the recercet the work of
5) 3,654 + 2,253 $\approx$ 6,000 when rounded to the nearest thousand
6) 5,962 + 2,542 $\approx$ 9,000 when rounded to the nearest thousand
7) 4,804 + 1,389 $\approx$ 6,000 when rounded to the nearest thousand
, ,
Challenge 3
1) 7,293 + 1,761 $\approx$ 9,050 when rounded to the nearest ten
2) 3,846 + 478 $\approx$ 4,330 when rounded to the nearest ten
3) 967 + 6,432 $\approx$ 7,400 when rounded to the nearest hundred
4) 5,035 + 2,195 $\approx$ 7,200 when rounded to the nearest hundred
4) $5,055 \pm 2,195 \approx 7,200$ when founded to the hearest hundred
5) 4,526 + 1, 952 $\approx$ 6,500 when rounded to the nearest hundred
6) 8, 984 + 1,067 $\approx$ 10,000 when rounded to the nearest thousand
, . , ,
7) 2,965 + 4,555 $\approx$ 8,000 when rounded to the nearest thousand



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Lesson 2		
Learning Intention:	Key Vocabulary:	What you will need:
WALT 'think 100' and 'think 1000' to add numbers		A computer, tablet or phone for the starter Maths book Pencil and ruler Video: Year 4 Maths - Week 3 - lesson 2
Charten		

### Starter

Log into Times Tables Rock Stars and complete a garage session.

## Main Teaching

We are going to be using our knowledge of place value and number bonds, to help us regroup numbers effectively for easier addition. The key facts below will help you with today's lesson.

Number bonds to 10	Number bonds to 100	Number bonds to 1000
1 + 9 2 + 8 3 + 7 4 + 6 5 + 5	10 + 90  20 + 80  30 + 70  40 + 60  50 + 50	$100 + 900 \\ 200 + 800 \\ 300 + 700 \\ 400 + 600 \\ 500 + 500$

The number bonds above are key to making sure your choices when regrouping are effective. There are many other ways to make 100 and 1000 (such as 35 + 65 and 234 + 766, respectively) however, these still rely on your knowledge of number bonds to ten as a base.

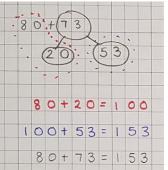
## Example 1:

How could we use regrouping to help to calculate 80 + 73?

First, look for the useful number that would be in a number bond. As we know our number bonds to 100, we know 80 + 20 = 100. Using this knowledge, we would want to regroup the 73 so that we could get the 20 we need. We can then complete the calculation.

80 + 20 = 100 100 + 53 = 153

80 + 73 = 153





## Example 2:

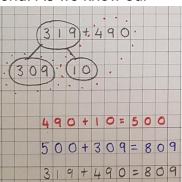
How could we use regrouping to help to calculate 319 + 490?

First, look for the useful number that would be in a number bond. As we know our

number bonds to 100, we know 90 + 10 = 100. Using this knowledge, we would want to regroup the 319 so that we could get the 10 we need. We can then complete the calculation.

490 + 10 = 500500 + 309 = 809

319 + 490 = 809



## Example 3:

How could we use regrouping to help to calculate 700 + 584?

First, look for the useful number that would be in a number bond. As we know our

number bonds to 1,000, we know 700 + 300 = 1,000. Using this knowledge, we would want to regroup the 584 so that we could get the 300 we need. We can then complete the calculation.

700+584 300:284 700+300=1,000 1,000+284=1,284700+584=1,284

700 + 300 = 1,000 1,000 + 284 = 1,284

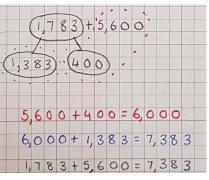
700 + 584 = 1,284

## Example 4:

How could we use regrouping to help to calculate 1,783 + 5,600?

First, look for the useful number that would be in a number bond. As we know our number bonds to 1,000, we know 600 + 400 = 1,000. Using this knowledge, we would want to regroup the 1,783 so that we could get the 400 we need. We can then complete the calculation.

5,600 + 400 = 6,000 6,000 + 1,383 = 7,383 1,783 + 5,600 = 7,383





# **Independent Tasks** Please complete 1 or 2 challenges. If you are finding a challenge too tricky or too easy after 3 questions, you should switch challenges. After you have completed your challenge, check your answers against the mark scheme. If you got an answer wrong, look carefully and identify where you made a mistake. Challenge 1 Copy out and complete the whole-part-whole diagrams to help you regroup to find the answers to the calculations. Remember to refer back to your number bonds to help you! Think 100: Think 100: 1)350 + 72 4)540 + 82 350 + 72 540 + 82 22 22 5)430 + 685 2)690 + 54 430 + 685 690 + 54 615 44 3)37 + 180 Think 100 6) 670 + 550 + 180 37 + 550 670 17 620

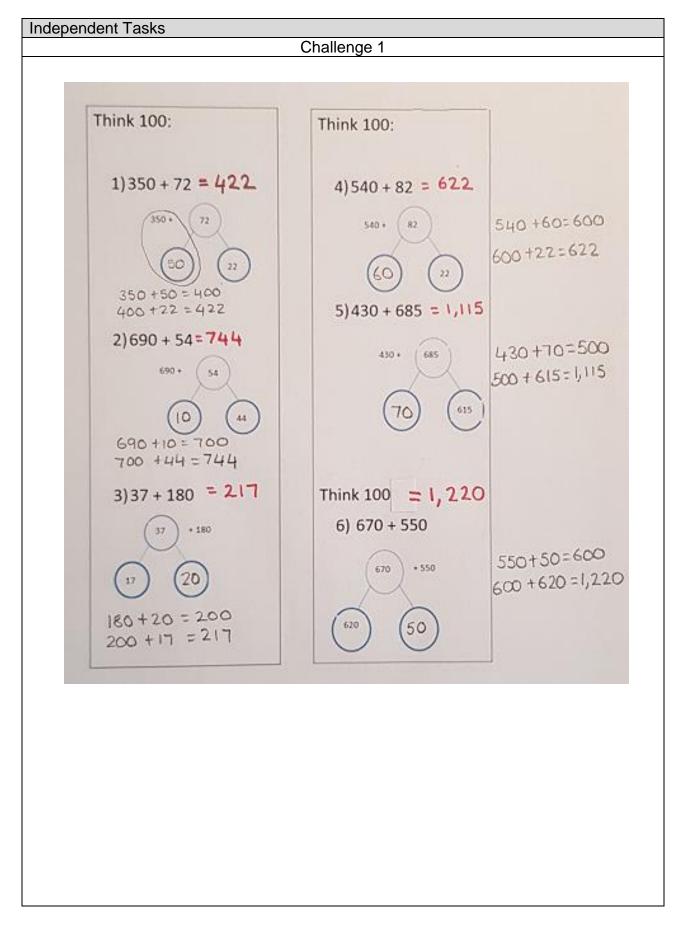
Challenge 2



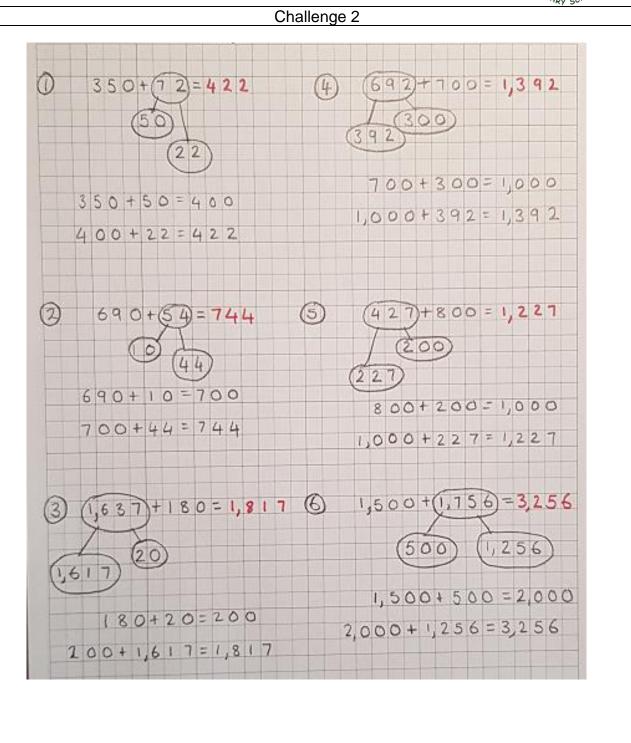
Use think 100 to regroup a number from the calculation to help you find the answer. 1) 350 + 72 2) 690 + 54 3) 1,637 + 180 Use think 1,000 to regroup a number from the calculation to help you find the answer. 4) 692 + 700 5) 427 + 800 6) 1,500 + 1,756 Challenge 3 Use think 100 to regroup a number from the calculation to help you find the answer. 1) 780 + 568 2) 987 + 130 3) 1,435 + 2,180 Use think 1,000 to regroup a number from the calculation to help you find the answer. 4) 4,679 + 1,600 5) 2,427 + 4,700 6) 3,500 + 1,856 Challenge X 6,600 + \_\_\_\_ = 7,000 + 180 460 + = 4,000 + 260Review James spent 3,568 minutes doing his Maths homework throughout Year 4. He spent 4,700 minutes on his English. How many minutes did he spend in total on his homework?



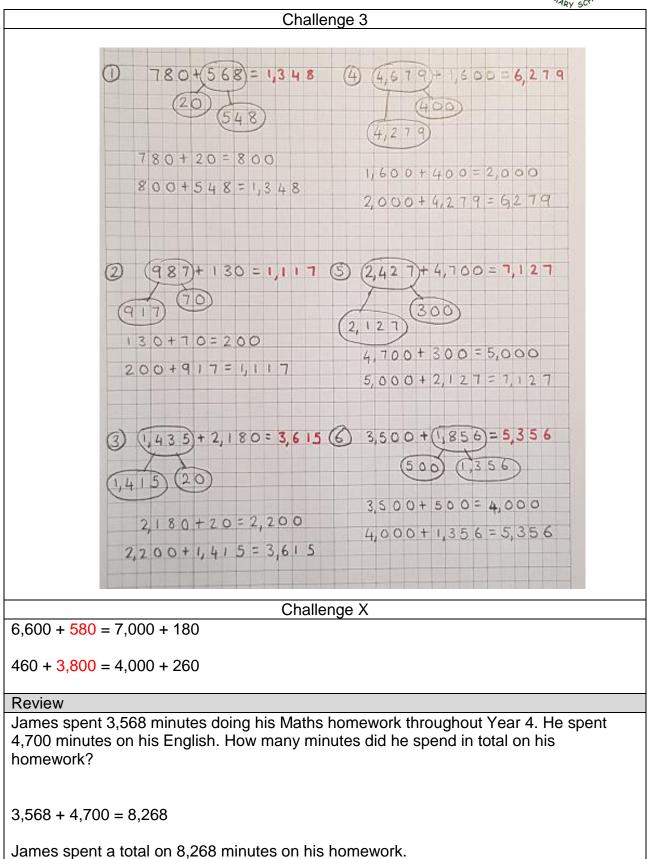
#### Mark Scheme – Lesson 2













Lesson 3		
Learning Intention:	Key Vocabulary:	What you will need:
WALT use equal sum as a mental strategy	Equal – all parts are the same in value or size Sum – the amount resulting from the addition of numbers	A computer, tablet or phone for the starter Maths book Pencil and ruler Video: Year 4 Maths - Week 3 - lesson 3
<u> </u>		

### Starter

Log into Times Tables Rock Stars. If a gig is available, have a go. If not, try a sound check.

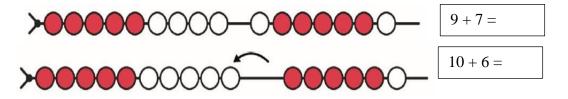
### Main Teaching

Today, we are going to be learning to use a strategy called equal sum. This strategy cannot be used efficiently with all calculations but is very useful for adapting some calculations to make them easier. We will look at deciding **when** to use equal sum in another lesson. This method requires you to understand both the words 'equal' and 'sum' (have a look in the key vocabulary section).

This method allows us to change numbers in a sum in order to make the calculation easier to work out. When changing the numbers, we must make sure that whatever action we do to one number (for example adding to it) it must then be reflected in the other number (subtracting the added amount from the first number from it). This will ensure that the total amount added will remain the same.

This will make more sense throughout the following examples:

## Example 1:



The first bead string is showing an original calculation of 9 + 6, which could been seen as tricky because you would have to create a new ten and have some ones left. The second bead string is showing an easier calculation to the same answer, after the equal sum strategy has been applied. It is showing 10 + 6.

The idea of equal sum is to change the numbers in the calculation to easier numbers to work with whilst ensuring you are still totalling the same amount.

In 9 + 7, we need a total of 7 to be added. In 10 + 6, it may look like we are only adding 6 but we have already added 1 to the 9 to make 10 therefore, a total of 7 has been added but we have made the calculation easier whilst doing so.



Let's look at the steps we would take when applying the equal sum strategy.

Step 1 – look at the numbers and decide how you want to make the numbers easier. Then, make the change you decided on. In this case, adding 1 to the 9 would make 10, which is an easier number to work with.

Step 2 – work out how much the remainder to add is by taking away what you added to the other number (in this example, 1) from the second number so that the amount being added still remains equal.

Step 3 – write your new calculation out and find your total.

You would set your work out like this:

				-		
	+1		-1			1
1	0	+			6	/

## Example 2:

Use equal sum to find the answer to 38 + 6.

Remember, we want to change the numbers so that they become easier to work with. Multiples of 10, 100 and 1000 and easier to add mentally.

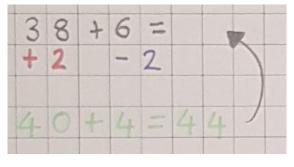
Follow the same steps as above:

Step 1 – look at the numbers and decide how you want to make the numbers easier. Then, make the change you decided on. In this case, adding 2 to the 38 would make 40, which is an easier number to work with.

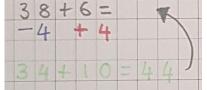
Step 2 – work out how much there is left to add. In this case, you have already added 2 so you need to take away 2 from the original amount so that the total added amount remains equal.

Step 3 – write your new calculation out and find your total.

This would look like:



You may choose to make the other number easier. Such as: Step 1 – add 4 to the 6 to make 10 Step 2 – take 4 away from the original adding amount (38 - 4)Step 3 – write your new, easier calculation to find your total.

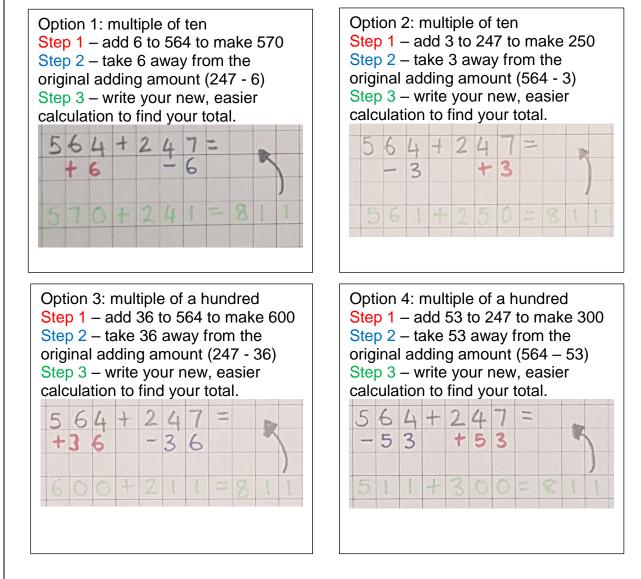




### Example 3:

Use equal sum to work out the answer to 564 + 247

Remember to follow the same steps as example 1 to make a new calculation that is easier. However, as the numbers get bigger, you are going to have to decide whether you want to make the numbers easier by using a multiple of ten, hundred or thousand.





Independent Tasks

Please complete 1 or 2 challenges. If you are finding a challenge too tricky or too easy after 3 questions, you should switch challenges. After you have completed your challenge, check your answers against the mark scheme. If you got an answer wrong, look carefully and identify where you made a mistake.

### Challenge 1

Show both ways of using equal sum to complete the four calculations below. Remember to follow the steps from the examples. You will be looking to make your numbers a multiple of ten.

Step 1 – look at the numbers and decide how you want to make the numbers easier. Then, make the change you decided on.

Step 2 – work out how much left there is to add. To do this, you will need to take away from the other number what you have already added.

Step 3 – write your new calculation out and find your total.

1) 76 + 7

- 2) 34 + 8
- 3) 83 + 9
- 4) 48 + 5

## Challenge 2

Use equal sum to complete the calculations below. Remember to follow the steps from the examples.

Step 1 – look at the numbers and decide how you want to make the numbers easier. Then, make the change you decided on.

Step 2 – work out how much left there is to add. To do this, you will need to take away from the other number what you have already added.

Step 3 – write your new calculation out and find your total.

For these questions, you will be finding both ways of using equal sum by changing one of the numbers each time to a multiple of ten.

- 1) 36 + 57
- 2) 58 + 75

For this question, you will be finding all four ways of using equal sum by changing one of the numbers to a multiple of ten OR a multiple of a hundred each time. (This is like example 3)

3) 126 + 389

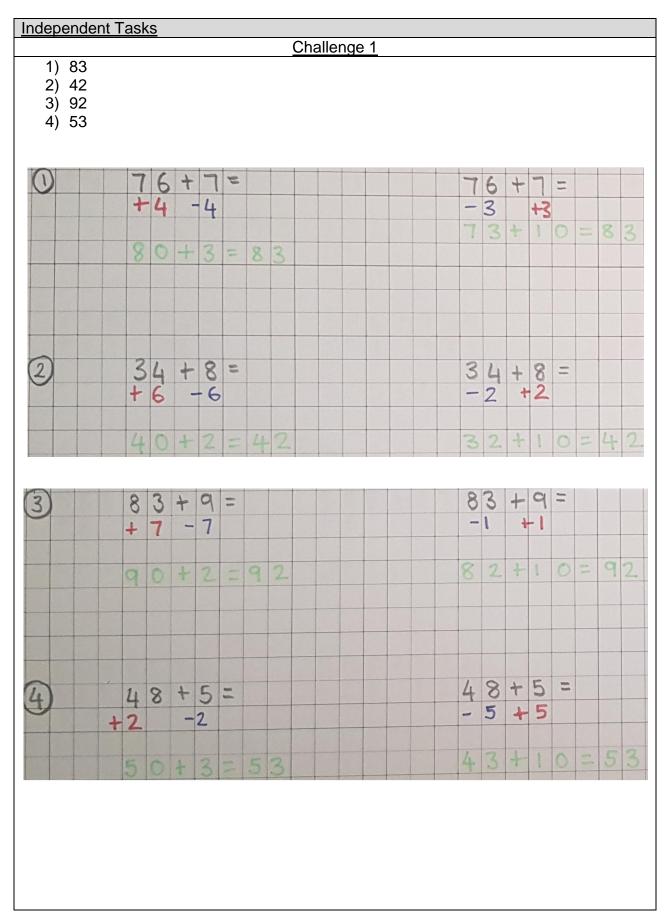


# Challenge 3 Use equal sum to complete the calculations below. Remember to follow the steps from the examples. Step 1 – look at the numbers and decide how you want to make the numbers easier. Then, make the change you decided on. Step 2 – work out how much left there is to add. To do this, you will need to take away from the other number what you have already added. Step 3 – write your new calculation out and find your total. For each of these questions, you will be finding all four ways of using equal sum by changing one of the numbers to a multiple of ten OR a multiple of a hundred each time. (This is like example 3) 1) 186 + 729 2) 588 + 274 3) 263 + 375 Challenge X Always / Sometimes / Never - when using equal addition to solve a sum, you always take from the smaller number and give to the bigger number. Review Find the error in this attempt of using equal sum. 36 + 28 =

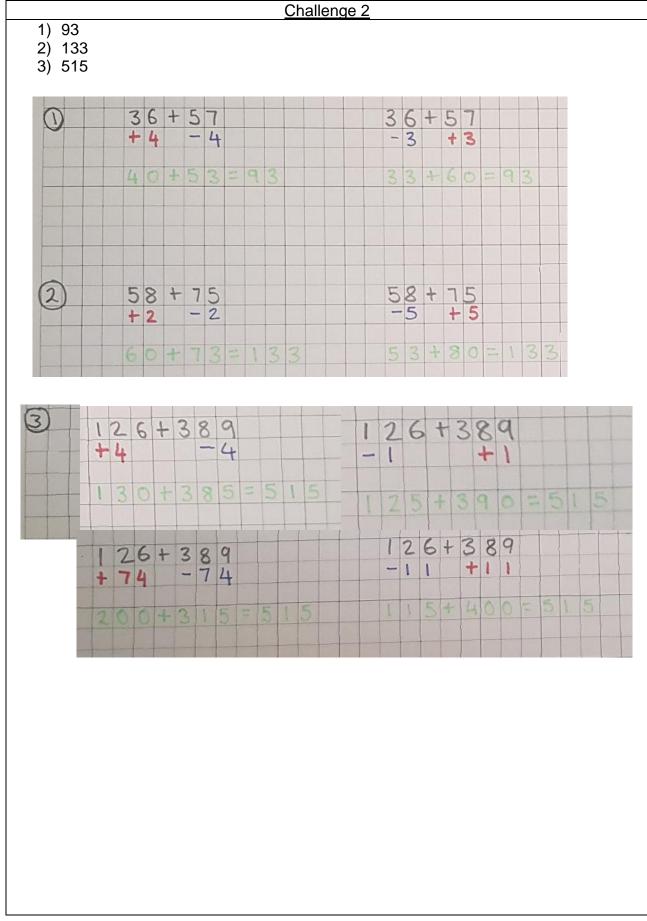
38 + 30 = 68



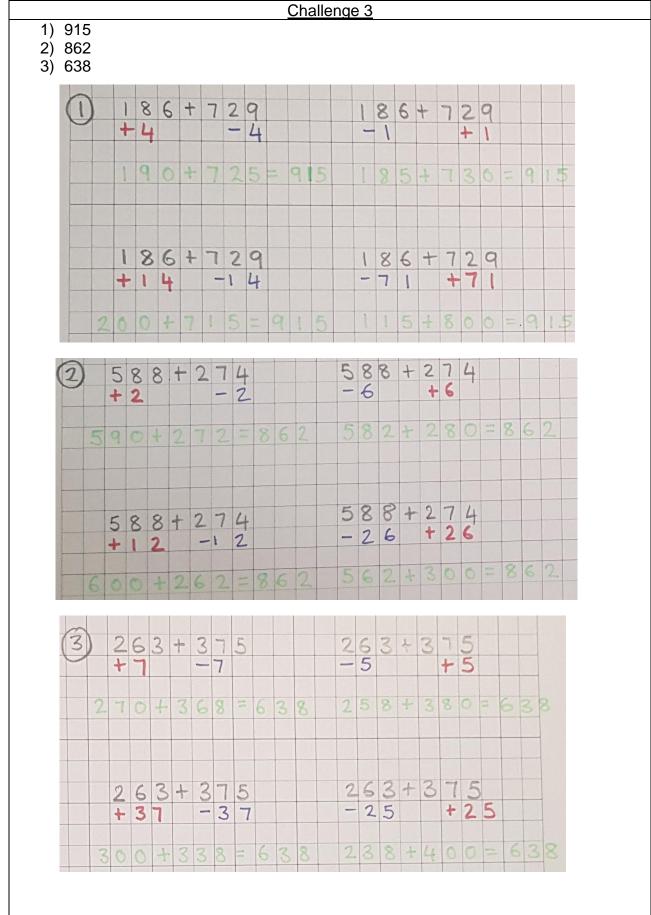
## Mark Scheme – Lesson 3













Challenge X Sometimes (example 3 proves this) **Review** They didn't keep the sum equal. They added two extra. 8 2 -+ +2 2 the error = 68 0 8 +3



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Lesson 4		
Learning Intention:	Key Vocabulary:	What you will need:
WALT: represent addition problems using a bar model		A computer, tablet or phone for the starter Maths book Pencil and ruler Video: Year 4 Maths - Week 3 - lesson 4
Starter		
Log into Times Tables Rock s a friend to a rock slam.	Stars. If a gig is available, have	e a go. If not, try challenging
Main Teaching		
addition problems. You will al	oplying a range of methods we so be applying some of your o ualise the question being asked ches your calculation.	wn methods in order to

Here is a reminder of what a bar model may look like for an addition calculation.

X + Y = ?



GREEN – the total YELLOW and RED – the amounts being added

Sometimes, your bar model for addition may look similar to this:

X + Y + Z = ?

? X Y Z

GREEN – the total

YELLOW, RED and BLUE – the amounts being added

(You may even have more than three amounts to add).

We are going to focus on extracting an addition calculation from a worded problem, drawing your matching bar model and then solving the calculation. The method you use to solve the calculation will be up to you.

Top tip – when drawing your bar model, try to make the size of each section relative to the amount going in it.



# Example 1: Wendy went to McDonald's to treat her friends to lunch. Her meal came to £14 and her friends' meals came to £28. How much did she pay altogether? We first have to draw our bar model. We will always need a total bar and then we will need to work out how many bars make up our total. In this question, there are two amounts which make our total so our bar model would look like this: We then need to figure out if we know the total and what the amounts are that we are adding. Then, put this information into our bar model. It would now look like this: ? 14 28 The calculation that would match this bar model is 14 + 28 = ?Now you can see it visually and have the calculation, you can pick a method to solve the problem. At this stage, you are likely to pick from regrouping or equal sum. If you want to pick the formal method, you may. However, we are going to revisit that in coming sessions. 14 + 28 = 42You can now put that into your bar model as your total. It will look like this: 42 14 28 Lastly, you need to answer all worded problems with a sentence. Your answer to this would be one similar to: Altogether, Wendy spent £42 at McDonald's. Example 2: Miss Baker was making a cake. She needed 560g of butter for the cake mix and a further 376g for the butter icing. What was the total amount of butter she needed? We first have to draw our bar model. We will always need a total bar and then we will need to work out how many bars make up our total. In this guestion, there are two amounts which make our total so our bar model would look like this:





We then need to figure out if we know the total and what the amounts are that we are adding. Then, put this information into our bar model. It would now look like this:

	?
376	560

The calculation that would match this bar model is 376 + 560 = ?

Now you can see it visually and have the calculation, you can pick a method to solve the problem. At this stage, you are likely to pick from regrouping or equal sum. If you want to pick the formal method, you may. However, we are going to revisit that in coming sessions.

For this, I can spot a multiple of 10 so 'think one hundred' and regrouping may help!

376 + 560 = 936

You can now put that into your bar model as your total. It will look like this:



Lastly, you need to answer all worded problems with a sentence. Your answer to this would be one similar to:

Miss Baker needed a total of 936g of butter to bake her cake.

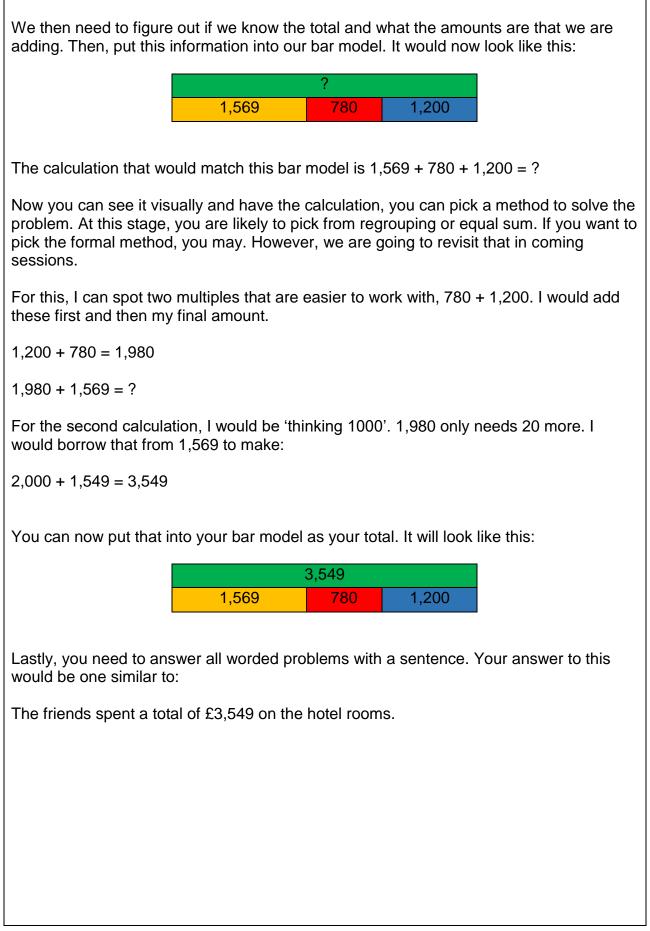
## Example 3:

Three friends are going on holiday to a 5 star hotel in Spain. After reading all 134 reviews, they knew they had picked the right place to go. One friend paid £780 for a standard room, another paid £1,200 for a deluxe room and the third friend paid £1,569 for a suite. What was the sum of all the rooms?

We first have to draw our bar model. We will always need a total bar and then we will need to work out how many bars make up our total. In this question, there are three amounts which make our total so our bar model would look like the one below. Be careful though as there are other amounts in the question to trick you so make sure you only pick the relevant information.









Independent Tasks

Please complete 1 or 2 challenges. If you are finding a challenge too tricky or too easy after 3 questions, you should switch challenges. After you have completed your challenge, check your answers against the mark scheme. If you got an answer wrong, look carefully and identify where you made a mistake.

### Challenge 1

Answer the 8 questions below, completing a bar model, a number sentence and a full, worded sentence answer for each.

1. I went to a sweet shop and bought a bag for 35p and another for 42p. How much did it come to?

2. I have 52 red books and 89 green books. How many books do I have?

3. In a small school, there are 158 girls and 60 boys. How many children are there in total?

4. As a teacher, I buy 91 pens and 99 pencils a year. How many pens and pencils do I buy?

5. In Year 3, there were 29 children and in Year 4, there were 37 children. How many children were there in total?

6. In a car park, there are 88 red cars and 125 blue ones. How many cars are there?7. 158 children are watching a football match. 27 more children come to watch. How many are now watching the match?

8. If we have 10 tennis balls, 68 footballs and 15 rugby balls, how many balls do we have?

#### Challenge 2

Answer the 8 questions below, completing a bar model, a number sentence and a full sentence answer for each.

1. I went to a sweet shop and bought a bag for 78p and another for 63p. How much did it come to?

2. I have 152 red books and 389 green books. How many books do I have?

3. In a small school, there are 158 girls and 240 boys. How many children are there in total?

4. As a teacher, I buy 60 rulers, 191 pens and 99 pencils a year. How many items do I buy altogether?

5. In Year 3, there were 29 children and in Year 4, there were 37 children but Year 3 had 7 new students join later in the year. How many children were there in total?

6. In a car park, there are 162 red cars and 298 blue ones. How many cars are there? 7. 158 children are watching a football match. 175 more children come to watch. How many are now watching the match?

8. If we have 70 tennis balls, 68 footballs and 45 rugby balls, how many balls do we have?



#### Challenge 3

Answer the 8 questions below, completing a bar model, a number sentence and a full sentence answer for each.

1. I went to a sweet shop and bought a bag for 78p, another for 63p and a chocolate bar for 40p. How much did it come to?

2. I have 552 red books and 389 green books. How many books do I have?

3. In a small school, there are 178 girls, 240 boys and 32 teachers. How many people are there in total?

4. As a teacher, I buy 60 rulers, 191 pens and 370 pencils a year. How many items do I buy altogether?

5. In Year 3, there were 39 children and in Year 4, there were 37 children but Year 3 had 7 new students join later in the year. How many children were there in total?

6. In a car park, there are 847 red cars and 298 blue ones. How many cars are there? 7. 1,634 people are watching a football match. 1,870 more come to watch. How many are now watching the match?

8. If we have 568 tennis balls, 650 footballs and 1,055 rugby balls, how many balls do we have?

#### Challenge X

Complete a bar model, number sentence and worded sentence.

I bought my mum three gifts for her birthday. The t-shirt cost me £7.90, the perfume cost me £42.50 and the make-up cost me £4.89. How much did I spend?

Review

I walked from home to school, which took me 14 minutes. After school, I went to town for dinner. It took me 38 minutes to walk to town. I then walked home, which took me 26 minutes. How many minutes did I spend walking?



## Mark Scheme – Lesson 4

Independent Tasks	
Challenge	e 1
1) 35 + 42 = 77	
Your shop came to 77p.	
	77
	35 42
2) 52 + 89 = 141	
You have 141 books.	4.4.4
	141
	52 89
3) 158 + 60 = 218	
There is a total of 218 children.	04.0
	218
	158 60
4) 91 + 99 = 190	
You buy a total of 190 pens and pencils.	100
	190
	99 91
5) 29 + 37 = 66	
There were 66 children in total.	66
	29 37
	29 31
6) 88 + 125 = 213	
There are 213 cars in total.	213
	88 125
7) 450 : 07 405	00 120
7) $158 + 27 = 185$	
There were 185 children watching the	185
match.	158 27
9) 10 + 69 + 15 <u>-</u> 02	
<ol> <li>8) 10 + 68 + 15 = 93</li> <li>There are 93 balls in total.</li> </ol>	
	93
	10 68 15



Challenge	2		
1) 78 + 63 =141			
Your shop came to 141p. (or £1.41)			
		141	
	78		63
2) 152 + 389 = 541			
You have 541 books.		= 4.4	
	450	541	
	152		389
3) 158 + 240 = 398			
There is a total of 398 children.		200	
	158	398	240
	100	4	40
4) 60 + 191 + 99 = 350			
You buy a total of 350 items.		350	
	60	191	99
E) 20 + 27 + 7 - 72			00
5) 29 + 37 + 7= 73 There were 73 children in total.			
mere were 75 children in total.		73	
	29	37	7
6) 162 + 298 = 460			
There are 460 cars in total.			
		460	
	162	2	298
7) 158+ 175 = 333			
There were 333 children watching the			
match.		333	
	158		175
8) 70 + 68 + 45 = 183			
There are 183 balls in total.		100	
	70	183	AE
	70	68	45



	THARY SCHOOL
Challenge	
1) 78 + 63 + 40 =181	
Your shop came to 181p. (or £1.81)	
	181
	<b>78 63 40</b>
2) 552 + 389 = 911	
You have 911 books.	
	911
	552 389
3) 178 + 240 + 32 = 450	
There is a total of 450 people.	
	450
	<b>158 240 32</b>
4) 60 + 191 + 370 = 621	
You buy a total of 621 items.	
,	621
	60 191 370
5) 39 + 37 + 7= 83	
<sup>′</sup> There were 83 children in total.	
	83
	<u> </u>
6) 847 + 298 = 1,145	
There are 1,145 cars in total.	
	1,145
	847 298
7) 1,634 + 1,870 = 3,504	
There were 3,504 people watching the	
match.	3,504
	1,634 1,870
8) 568 + 650 + 1,055 = 2,273	
There are 2,273 balls in total.	
	2,273
	<u>568 650</u> 1,055
	· · · · · · · · · · · · · · · · · · ·
Challenge	Х
7.90 + 42.50 + 4.89 = 55.29	
Her gifts cost you £55.29.	
	55.29
	7.90 42.50 4.89
Review	
14 + 38 + 26 = 78	
You spent a total of 78 minutes walking.	
	78
	14 38 26