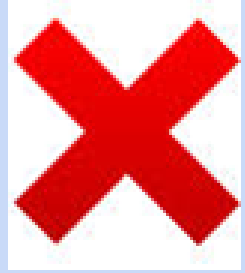


Hello Year 2!



This PowerPoint contains five morning maths and maths sessions for you to complete this week.



Remember you can draw pictures, use part whole models and number lines to help with your working out.



Morning maths

1. $34 + 8 =$

2. $72 - 6 =$

3. $40 \div 5 =$

4. $7 \times 5 =$

5. Can you think of one +, - x and $\div$ calculation where the answer is 12?

$\underline{\quad} + \underline{\quad} = 12$ $\underline{\quad} \div \underline{\quad} = 12$

$\underline{\quad} + \underline{\quad} = 12$ $\underline{\quad} \times \underline{\quad} = 12$

1.6.20

Challenge

There are 5 marbles in a bag.



Ron has 10 bags of marbles.

He puts 1 more marble in each bag.

How many marbles are there in total now?

Draw a picture to help you!

Morning maths Answers

1.6.20

1. $34 + 8 = 42$

2. $72 - 6 = 66$

3. $40 \div 5 = 8$

4. $7 \times 5 = 35$

5. Can you think of one +, - x and $\div$ calculation where the answer is 12?

$6 + 6 = 12$ $60 \div 5 = 12$

$20 - 8 = 12$ $4 \times 3 = 12$

Here are some examples. There are more correct answers though.
:)

Challenge

There are 5 marbles in a bag.



Ron has 10 bags of marbles.

He puts 1 more marble in each bag.

How many marbles are there in total now?

$10 \times 5 = 50$

10 bags x 5 marbles in each one

He adds 1 more marble in each bag.

$1 \times 10 = 10$

$50 + 10 = 60$ marbles

Maths

Monday 1st June

St Catherine's Classroom Beliefs

- Mistakes are valuable.
- Everyone can learn maths to the highest level.
- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.



My Maths activity

Lesson: Adding single digits

To start the lesson, click on the image to the right of the screen. This will take you to an interactive lesson. This lesson will show the children how they can solve addition calculations and includes games for the children to try.

Click on the next buttons at the bottom of the page to move your learning on and take part in the mini-quizzes along the way to check your understanding.

 Lesson | Add single digits

1

2

3

4

5

6

7

	Chapter title	
1	Adding single digits	>
2	Try it yourself	>
3	Addition grids	>
4	Loop card game	>
5	Adding without number lines	>
6	Matching pairs	>
7	Beat the clock	>

Objective:

- Adding single-digit numbers

1

2

3

4

5

6

7



Online Homework

Adding single digits

Save

Menu

Q1

0
10

Q1 – Fill the grid

Add the numbers to fill the grid.

The first row has been done for you.

St Catherines CE Primary

+	13	65	84	57	67
2	15	67	86	59	69
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

[10]

Mark it

Q2

0
8

No calc



Total

0
18

Now click the image on the left of the screen, this will take you to an online homework where you can test your understanding.

Have a go at the questions and then click 'Mark it' to see how you have go on. Your login details for My Maths were sent home in your first work pack - make sure you log in so we can see how you are getting on.

Further Challenge

Jack's house

Annie's house



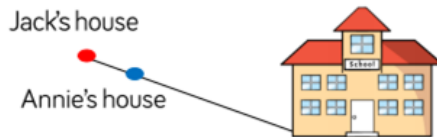
Jack lives 5 km from school.

Annie lives 4 km from school in the same direction.

1. What is the distance between Jack and Annie's houses?
2. After travelling to and from school, Jack thinks that he will walk 1 km more than Annie. Is he correct? Explain your answer.
3. What will be the difference in distance walked after 2 school days?

Further Challenge

Answers



Jack lives 5 km from school.
Annie lives 4 km from school in the
same direction.

1. What is the distance between Jack and Annie's houses?
2. After travelling to and from school, Jack thinks that he will walk 1 km more than Annie. Is he correct? Explain your answer.
3. What will be the difference in distance walked after 2 school days?

1. 1 km
2. No, he will walk 2 km further. 1 km on the way to school and 1 km on the way home.
3. 4 km

Morning maths

2.6.20

1. $11 + 9 + 6 =$

2. $42 - 40 =$

3. $60 = __ + 20 + 20$

4. $8 \times 2 =$

5. $10 \div 10 =$

6. $15 \div 3 =$

7. $7 \times 3 =$

8. $\frac{1}{4}$ of 8 =

Challenge

A toy train costs £4 more than a rocket.



The train costs £15

How much does the train and the rocket cost in total?

Morning maths Answers

2.6.20

1. $11 + 9 + 6 = 26$

2. $42 - 40 = 2$

3. $60 = 20 + 20 + 20$

4. $8 \times 2 = 16$

5. $10 \div 10 = 1$

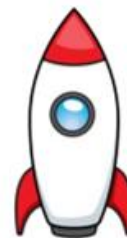
6. $15 \div 3 = 5$

7. $7 \times 3 = 21$

8. $\frac{1}{4}$ of 8 = 2

Challenge

A toy train costs £4 more than a rocket.



$15 - 4 = 11$

The train costs £15

Rocket = £11

How much does the train and the rocket cost in total?

so the total is $£15 + £11 = £26$

Maths

Tuesday 2nd June

St Catherine's Classroom Beliefs

- Mistakes are valuable.
- Everyone can learn maths to the highest level.
- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.



My Maths activity

Lesson: Subtract single digits

To start the lesson, click on the image to the right of the screen. This will take you to an interactive lesson. This lesson will show the children how they can solve subtraction calculations and includes games for the children to try.

Click on the next buttons at the bottom of the page to move your learning on and take part in the mini-quizzes along the way to check your understanding.

The screenshot shows a digital interface for a lesson titled 'Subtract single digits'. At the top, there is a header bar with a logo on the left and the text 'Lesson | Subtract single digits' on the right. Below the header, the page is divided into three main sections. On the left, there is a vertical sidebar with seven numbered circular buttons (1-7). In the center, there is a table with a header 'Chapter title' and seven rows of content. On the right, there is a section titled 'Objective:' followed by a bullet point. At the bottom, there is a footer bar with the text 'Oxford University Press 2018' on the left and a 'Menu' button on the right. The interface is clean and modern, with a light blue and white color scheme.

	Chapter title
1	Subtracting single digits >
2	Try it yourself >
3	Subtracting without number lines >
4	Loop card game >
5	Matching pairs >
6	Calculation triangles >
7	Beat the clock >

Objective:

- Subtracting single-digit numbers

Oxford University Press 2018

Menu

 Online Homework

Subtracting single digits

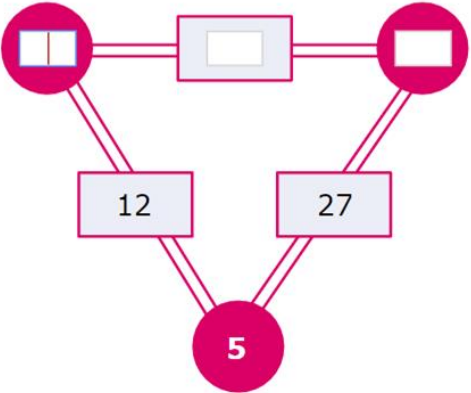
Save

Menu

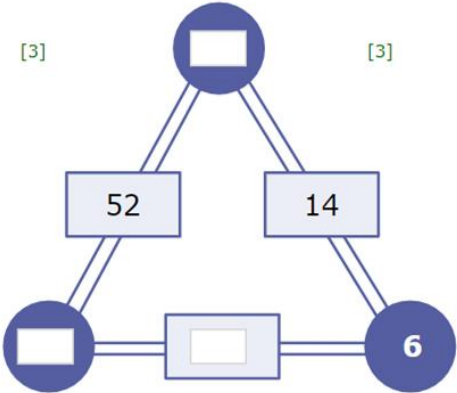
Q1 Q1 - Arithmagons

St Catherines CE Primary

Fill in the gaps. The number in each rectangle is the sum of the circles connected to it.



[3]



[3]

Mark it

Q2

No calc

Total

Now click the image on the left of the screen, this will take you to an online homework where you can test your understanding.

Have a go at the questions and then click 'Mark it' to see how you have go on.

Your login details for My Maths were sent home in your first work pack - make sure you log in so we can see how you are getting on.

Further subtraction challenge

Match the number sentences to the number bonds that make the method more efficient.

$$42 - 5$$

$$42 - 2 - 3$$

$$42 - 7$$

$$43 - 3 - 3$$

$$43 - 8$$

$$43 - 3 - 5$$

$$43 - 6$$

$$42 - 2 - 5$$

Further subtraction challenge Answer

$$42 - 5 \quad \text{————} \quad 42 - 2 - 3$$

$$42 - 7 \quad \quad \quad 43 - 3 - 3$$

$$43 - 8 \quad \text{————} \quad 43 - 3 - 5$$

$$43 - 6 \quad \quad \quad 42 - 2 - 5$$

Morning maths

3.6.20

1. $8 + 6 + 2 =$

2. $\underline{\quad} + 9 + 1 = 17$

3. $12 = \underline{\quad} + 3 + 3 + 3$

4. $\underline{\quad} = 48 - 8$

5. $87 = 50 + 7 + \underline{\quad}$

6. $\underline{\quad} - 40 = 13$

7. $\underline{\quad} - 60 = 40$

8. Circle 3 numbers
with the sum of 12.

6 5 4 3 2 1

Challenge

If

$$\triangle + \triangle = 12$$

$$\heartsuit + \triangle = 19$$

What is the value of  **?**

Morning maths

Answers

3.6.20

1. $8 + 6 + 2 = 16$

2. $7 + 9 + 1 = 17$

3. $12 = 3 + 3 + 3 + 3$

4. $40 = 48 - 8$

5. $87 = 50 + 7 + 30$

6. $53 - 40 = 13$

7. $100 - 60 = 40$

8. Circle 3 numbers with the sum of 12.

$6 + 5 + 1$

$5 + 4 + 3$

$6 + 4 + 2$

Challenge

If

 $6 + 6 = 12$

 $13 + 6 = 19$

What is the value of  ? 13

Maths

Wednesday 3rd June

St Catherine's Classroom Beliefs

- Mistakes are valuable.
- Everyone can learn maths to the highest level.
- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.



My Maths activity

Lesson: Adding and subtracting across tens

To start the lesson, click on the image to the right of the screen. This will take you to an interactive lesson. This lesson will show the children how they can solve calculations using a number line.

Click on the next buttons at the bottom of the page to move your learning on and take part in the mini-quizzes along the way to check your understanding.

Lesson | Adding and subtracting across tens

1

2

3

4

5

6

7

8

9

	Chapter title	
1	Adding lines	>
2	Your turn	>
3	Subtracting lines	>
4	Your turn	>
5	Balloon addition game	>
6	Target number game	>
7	6 questions	>
8	Pairs game	>
9	Beat the clock	>

Objectives:

- Adding and subtracting across 10 and 20
- Adding 3 single-digit numbers
- Starting to add and subtract with bigger numbers

1

2

3

4

5

6

7

8

9


Online Homework

Sums crossing 10s

Save

Menu

Q1

Q1 - Crossing 10 and 20

St Catherine's CE Primary

Work out:

0
12

Q2

0
12

No calc

Total

0
24

$6 + 5 + 4 = \square$
 $5 + 9 = \square$
 $5 + 4 + 6 = \square$
 $15 - 6 = \square$
 $12 + 8 = \square$
 $4 + 3 + 2 = \square$

$22 - 5 = \square$
 $3 + 4 + 8 = \square$
 $8 + 5 + 7 = \square$
 $18 + 7 = \square$
 $8 + 5 + 5 = \square$
 $27 - 8 = \square$



[12]

Mark it

Now click the image on the left of the screen, this will take you to an online homework where you can test your understanding.

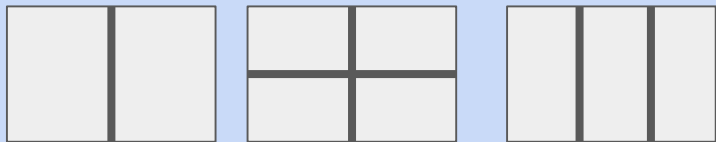
Have a go at the questions and then click 'Mark it' to see how you have go on. Your login details for My Maths were sent home in your first work pack - make sure you log in so we can see how you are getting on.

Morning maths

4.6.20

Handy Hint!

When finding a fraction of an amount, the children are encouraged to draw a rectangle to help them create equal groups..



1. $\frac{1}{2}$ of 60 =

2. $\frac{1}{4}$ of 80 =

3. $\frac{1}{3}$ of 90 =

4. $\frac{3}{4}$ of 40 =

5. $\frac{3}{4}$ of 80 =

Challenge

The pictogram shows the number of children who walk to school each day.



 = 2 children

There are 20 children in the class.

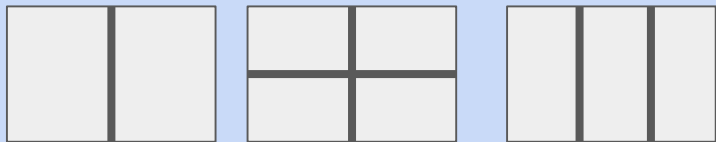
How many children did not walk to school on Tuesday?

Morning maths Answers

4.6.20

Handy Hint!

When finding a fraction of an amount, the children are encouraged to draw a rectangle to help them create equal groups..



1. $\frac{1}{2}$ of 60 = 30

2. $\frac{1}{4}$ of 80 = 20

3. $\frac{1}{3}$ of 90 = 30

4. $\frac{3}{4}$ of 40 = 30

5. $\frac{3}{4}$ of 80 = 60

Challenge

The pictogram shows the number of children who walk to school each day.

Monday		8
Tuesday		11
Wednesday		4

 = 2 children

There are 20 children in the class.

$$20 - 11 = 9$$

How many children did not walk to school on Tuesday?

9

Maths

Thursday 4th June

St Catherine's Classroom Beliefs

- Mistakes are valuable.
- Everyone can learn maths to the highest level.
- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.



WALT: add and subtract when crossing a tens boundary

Recap on yesterday's learning

1

Work out: $18 + 8$

2

3

First count on to the next ten.

4

How much more do we need to add?

5

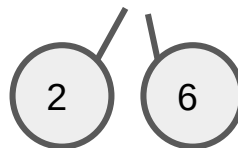
6

7

8

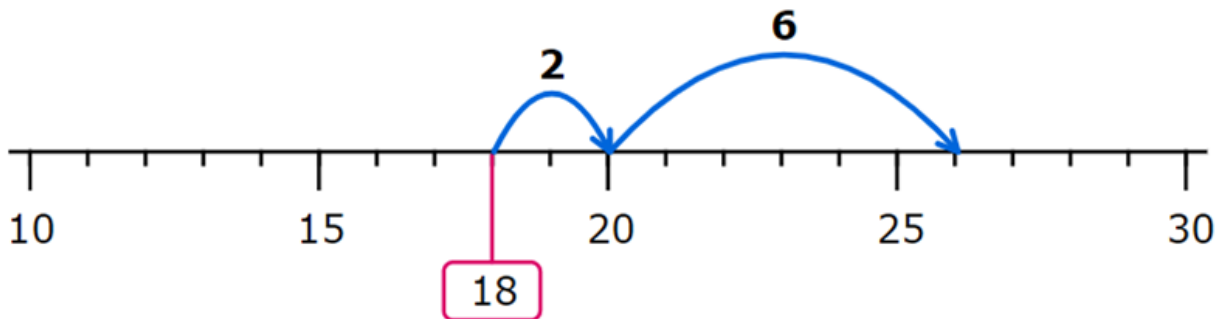
9

$$18 + 8 = 26$$



Well done.
Click Next.

6 ✓



WALT: add and subtract when crossing a tens boundary

Recap on yesterday's learning

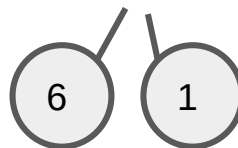
Work out: $26 - 7$

First count back to the next ten.

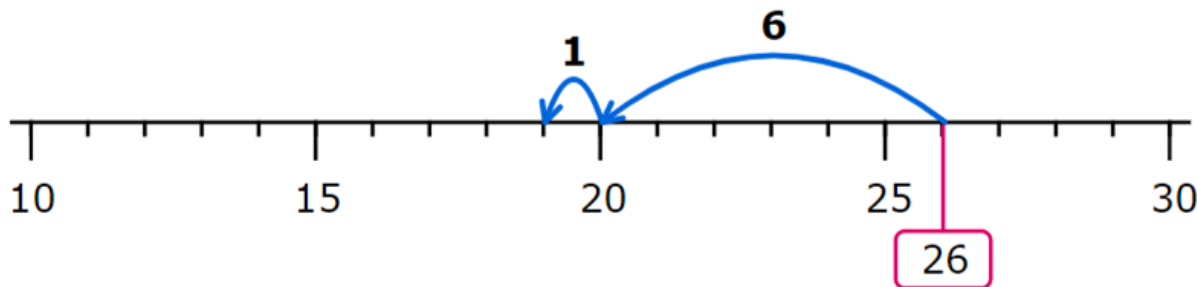
How much more
do we need to subtract?

1 ✓

$$26 - 7 = 19$$



Well done.
Click Next.



Billy has worked out these calculations using his mental maths.
Could you draw a number line or an image that will help you to
check if he has got the correct answers?

$$23 + 9 = 32$$

$$54 - 6 = 58$$

$$56 + 7 = 65$$

$$21 - 7 = 14$$

$$46 + 8 = 54$$

$$63 - 5 = 58$$

$$35 + 6 = 41$$

$$85 - 9 = 75$$

Corrections!

Billy has worked out these calculations using his mental maths. Could you draw a number line or an image that will help you to check if he has got the correct answers?

$$23 + 9 = 32 \quad \checkmark$$

$$54 - 6 = 58 \quad \bullet \quad 48$$

$$56 + 7 = 65 \quad \bullet \quad 63$$

$$21 - 7 = 14 \quad \checkmark$$

$$46 + 8 = 54 \quad \checkmark$$

$$63 - 5 = 58 \quad \checkmark$$

$$35 + 6 = 41 \quad \checkmark$$

$$85 - 9 = 75 \quad \bullet \quad 76$$

Next Challenge

Here are three digit cards.



Place the digit cards in the number sentence.

How many different totals can you find?

$$\square\square + \square =$$

What is the smallest total?

What is the largest total?

Challenge

Answers

Here are three digit cards.



Place the digit cards in the number sentence.

How many different totals can you find?

$$\square\square + \square =$$

What is the smallest total?

What is the largest total?

$$67 + 8 = 75$$

$$68 + 7 = 75$$

$$76 + 8 = 84$$

$$78 + 6 = 84$$

$$86 + 7 = 93$$

$$87 + 6 = 93$$

75 is the smallest total.

93 is the largest total.

Morning Maths

5.6.20

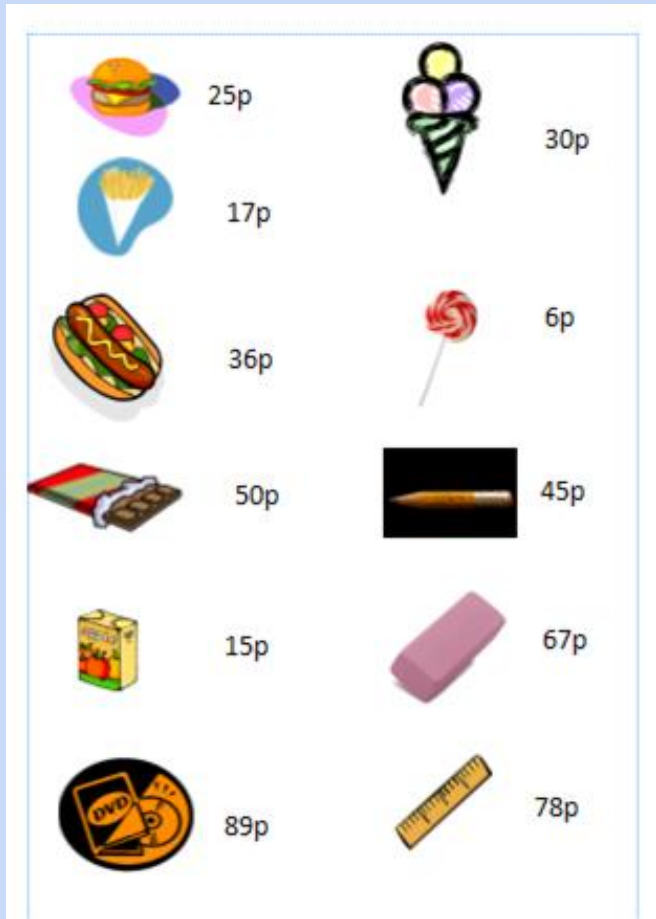
Extra Challenge - you may wish to buy more than one item!



You have £1 to spend at the shop.

Work out how much change you would get from paying with a £1 coin.

Remember there are 100p in a £1.



Maths

Friday 5th June

St Catherine's Classroom Beliefs

- Mistakes are valuable.
- Everyone can learn maths to the highest level.
- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.



Guess my number!



Take it in turns to think of a number between 1-100, but don't show anyone else your number.

Play guess my number by giving people clues about your number but you mustn't say the number! The vocabulary below might help you with the clues you choose to give.

odd	even	more than	less than
two digit	tens	ones	in between

My Maths activity

Lesson: Counting 2

To start the lesson, click on the image to the right of the screen. This will take you to an interactive lesson. This lesson allows children to rehearse counting in 2s, 3s, 5s and 10s. Great practise!

Click on the next buttons at the bottom of the page to move your learning on and take part in the mini-quizzes along the way to check your understanding.

Lesson | Counting 2

1

2

3

4

5

6

7

8

9

	Chapter title
1	Counting fruits 1 >
2	Counting fruits 2 >
3	Cube count >
4	Balloon pop >
5	Lily pads >
6	Scarves >
7	Snake game >
8	Pairs game >
9	Beat the clock >

Objectives:

- Counting forwards and backwards
- Counting in multiples of two, three, four, five and ten
- Recognising number patterns

Oxford University Press 2018

Menu

1

2

3

4

5

6

7

8

9


Online Homework

Counting 2

Save

Menu

Q1

Q1 – Missing numbers

0

10

Fill in the missing numbers in these sequences.



St Catherines CE Primary |

24	27	30	33	36	<div><div></div><div></div></div>
32	28	24	20	16	<div><div></div><div></div></div>
28	26	24	<div><div></div><div></div></div>	20	18
10	20	<div><div></div><div></div></div>	40	50	60
21	24	<div><div></div><div></div></div>	30	33	<div><div></div><div></div></div>
40	38	36	<div><div></div><div></div></div>	32	<div><div></div><div></div></div>
32	28	<div><div></div><div></div></div>	20	16	<div><div></div><div></div></div>

[10]

Q2

0

6

No calc

Total

0

16

Mark it

Now click the image on the left of the screen, this will take you to an online homework where you can test your understanding.

Have a go at the questions and then click 'Mark it' to see how you have go on. Your login details for My Maths were sent home in your first work pack - make sure you log in so we can see how you are getting on.

Final challenge of the week

Teddy is counting in 2s and Jack is counting in 3s.

Teddy	2	4	6	8
Jack	3	6	9	12
+				

Teddy says,



If we add our numbers together as we count we can make a new number pattern.

1. What pattern do they make?
2. What happens if both Teddy and Jack count in 5's and they add them together to make a new pattern?

Final challenge of the week Answers

Teddy is counting in 2s and Jack is counting in 3s.

Teddy	2	4	6	8
Jack	3	6	9	12
+	5	10	15	20

Teddy says,



If we add our numbers together as we count we can make a new number pattern.

If Teddy and Jack add their numbers together they will be counting in 5s.

If Teddy and Jack both count in 5s their new pattern would be counting in 10s.