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.

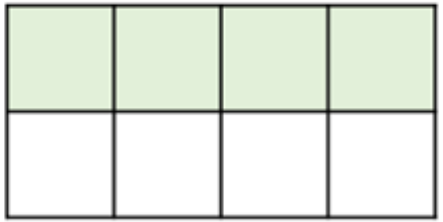
Morning maths

18.5.20

1. 10 more than 13 is ___
2. 10 less than 32 is ___
3. 20 more than ___ is 98
4. 20 more than ___ is 41
5. 20 less than 59 is ___
6. 30 less than 99 is ___
7. 76 is 10 more than ___
8. 17 is 10 less than ___

Challenge

Lucy shades in part of a rectangle.



She shades some more squares.

$\frac{3}{4}$ of the rectangle is now shaded.

How many more squares did Lucy shade?

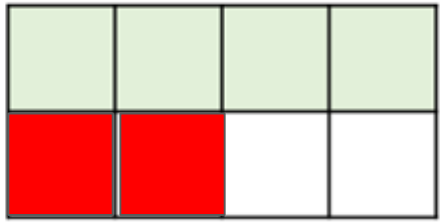
Morning maths Answers

18.5.20

1. 10 more than 13 is 23
2. 10 less than 32 is 22
3. 20 more than 78 is 98
4. 20 more than 21 is 41
5. 20 less than 59 is 39
6. 30 less than 99 is 69
7. 76 is 10 more than 66
8. 17 is 10 less than 27

Challenge

3 Lucy shades in part of a rectangle.



She shades some more squares.

$\frac{3}{4}$ of the rectangle is now shaded.

How many more squares did Lucy shade?

Maths

Monday 18th May

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.

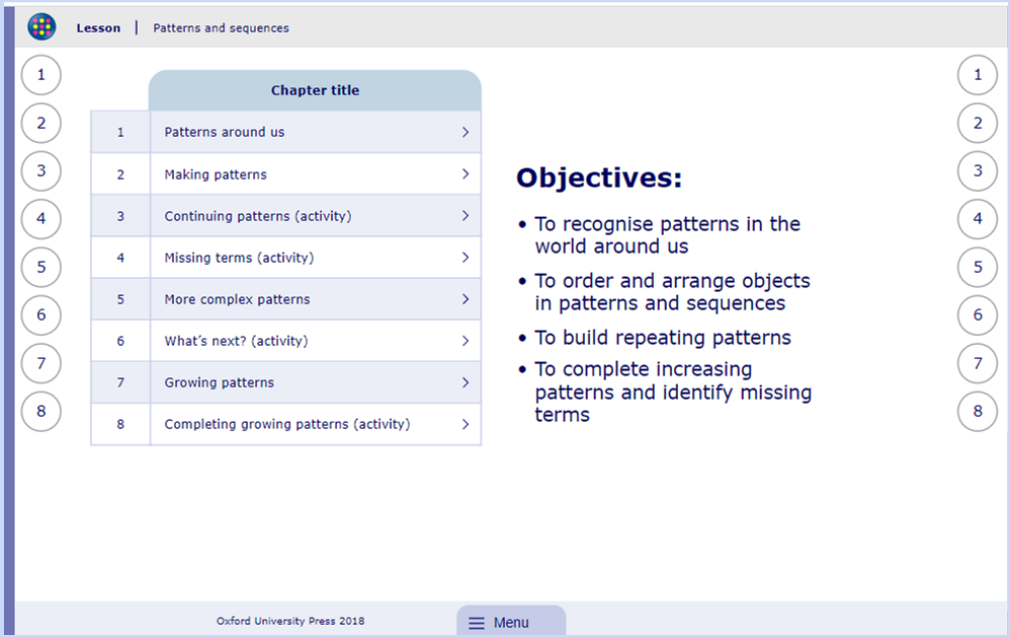
St Catherine's
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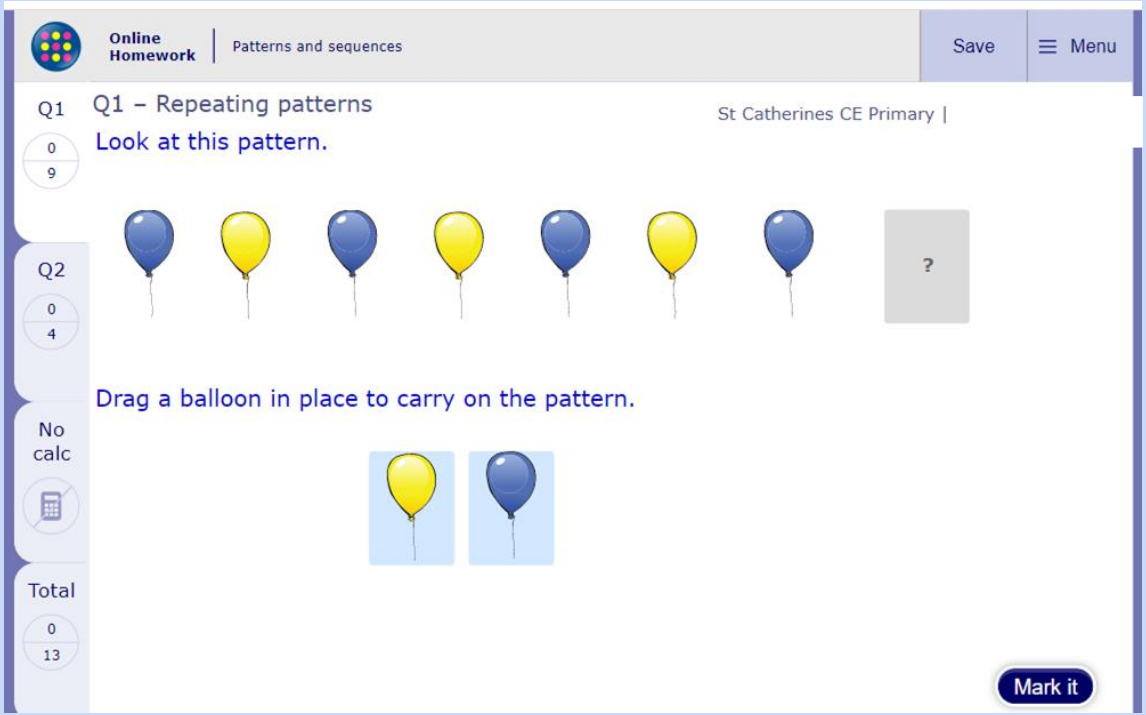
My Maths activity

Lesson: Patterns and sequences

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 help the children recognise different patterns. It works through how to identify and continue repeating and growing patterns.

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.

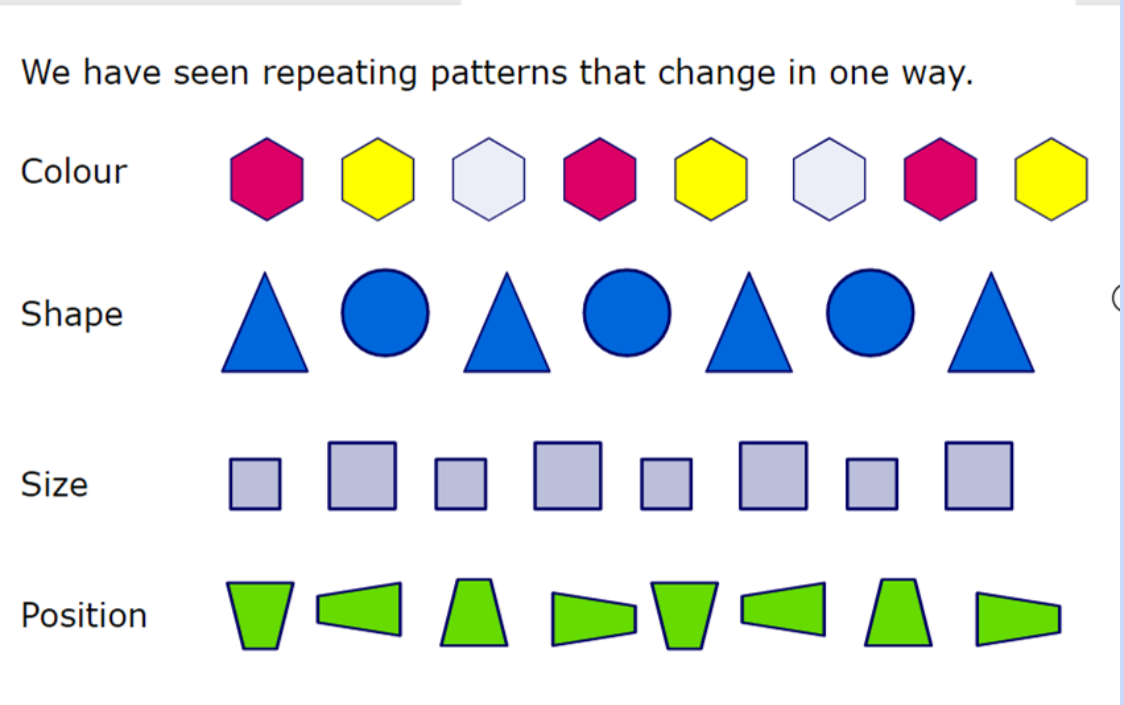




Now click the image on the left of the screen, this will take you to an online homework where you can test your understanding.

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.

Recap from today's learning



Further Task

Create some repeating patterns of your own.

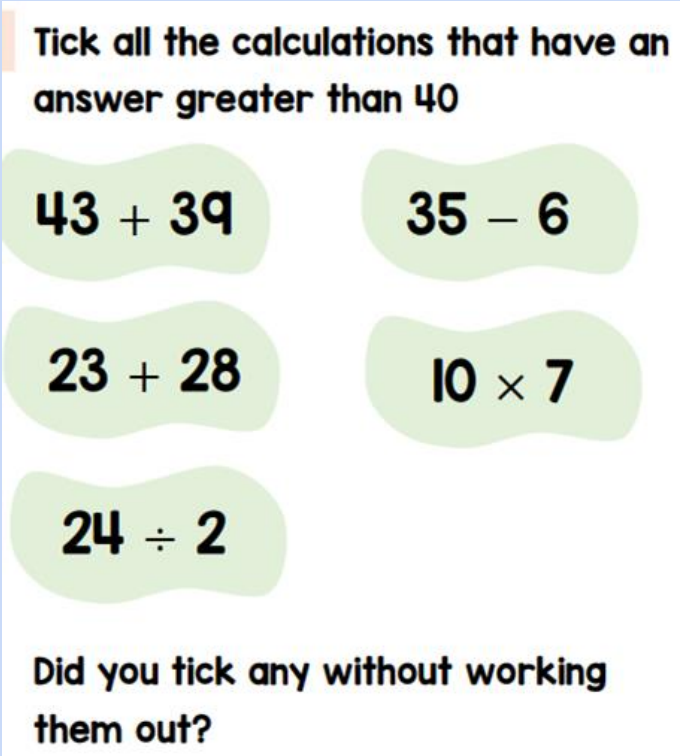
Try to create patterns that involve changing not just the type of shape you use, but the colour, size and position too.

Morning maths

19.5.20

1. 4 + 6 + 6 =
2. 98 – 40 =
3. 78 = 30 + ___ + 28
4. 6 x 3 =
5. 25 ÷ 5 =
6. 90 ÷ 10 =
7. 43 – 13 =
8. 4 x 5 =

Challenge

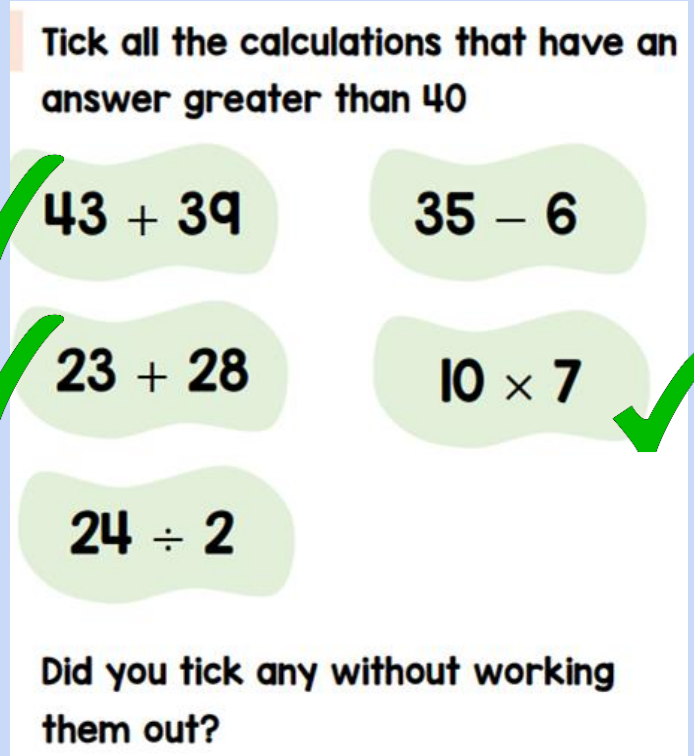


Morning maths

19.5.20

1. 4 + 6 + 6 = 16
2. 98 – 40 = 58
3. 78 = 30 + 20 + 28
4. 6 x 3 = 18
5. 25 ÷ 5 = 5
6. 90 ÷ 10 = 9
7. 43 – 13 = 30
8. 4 x 5 = 20

Challenge



Maths

Tuesday 19th May

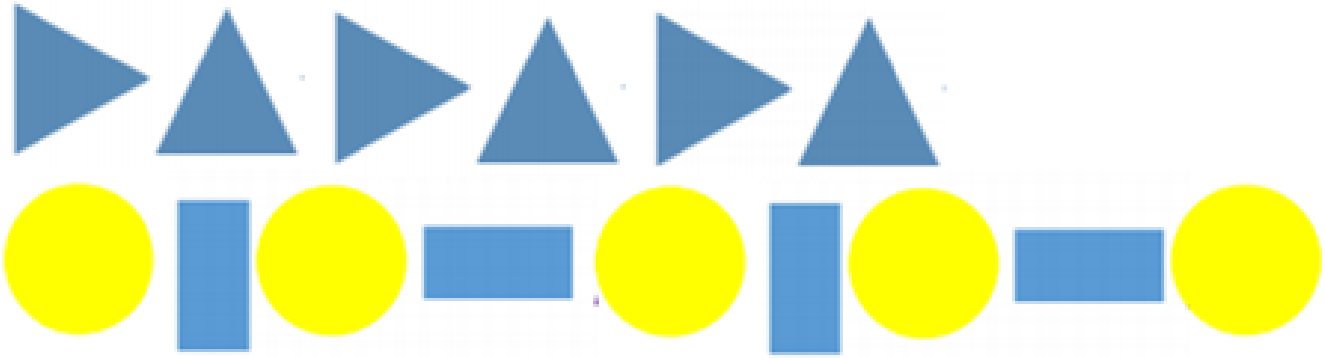
St Catherine's Classroom Beliefs

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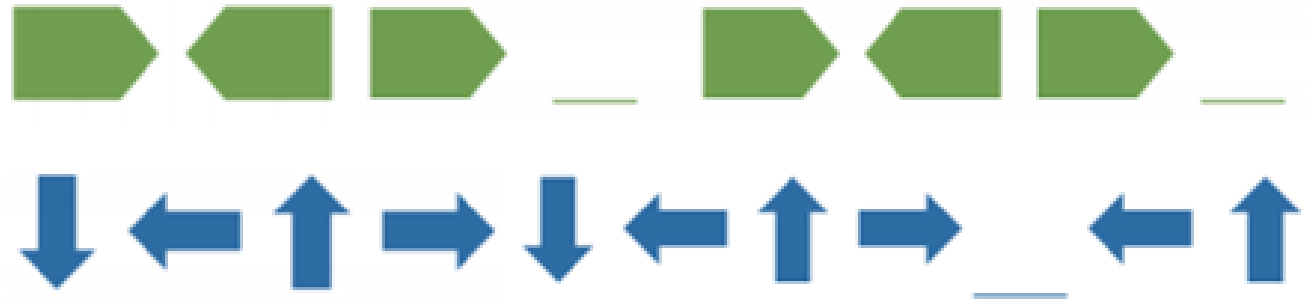
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WALT: create patterns using shapes

Continue these patterns by adding the next 3 shapes.



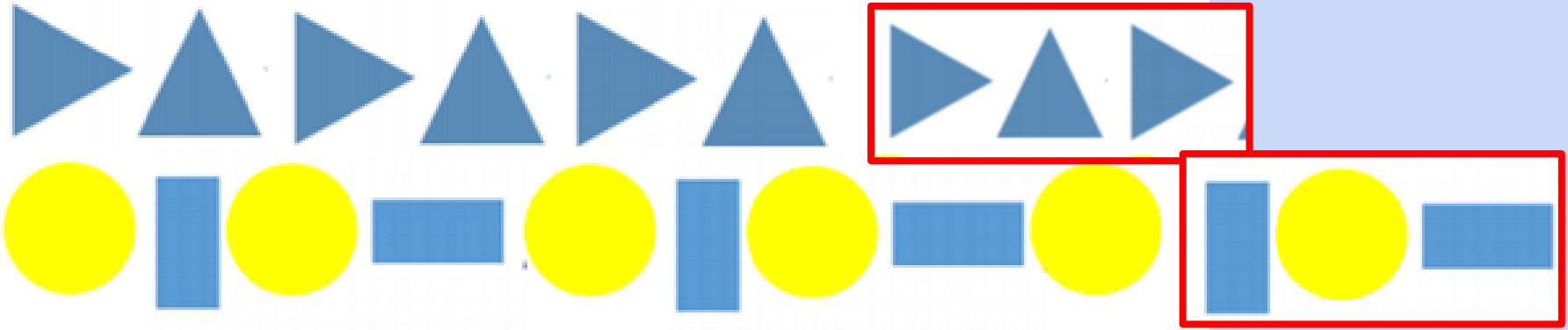
Fill in the missing shapes to complete the patterns.



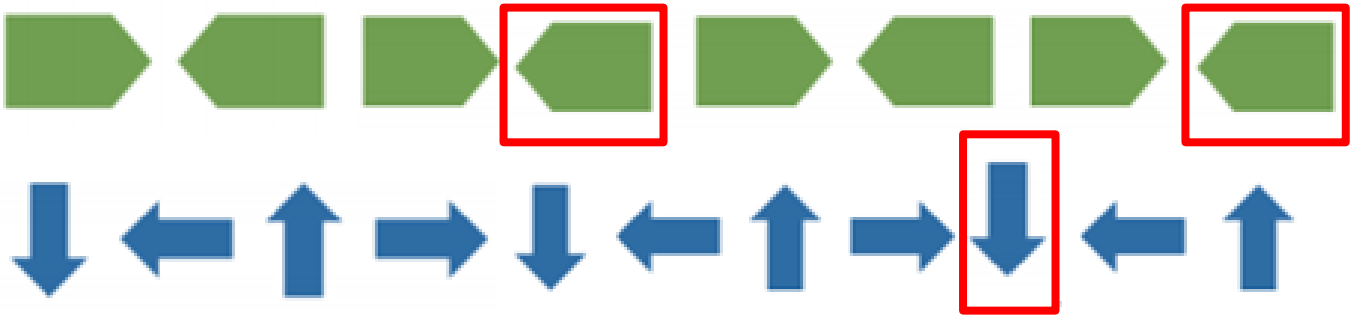
WALT: create patterns using shapes

Answers

Continue these patterns by adding the next 3 shapes.

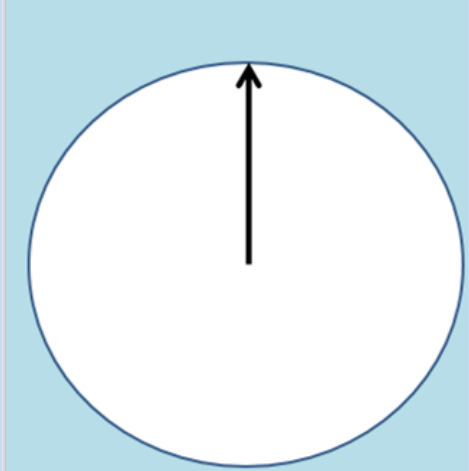


Fill in the missing shapes to complete the patterns.



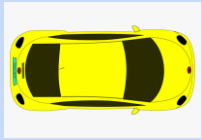
Recap from last week's learning.

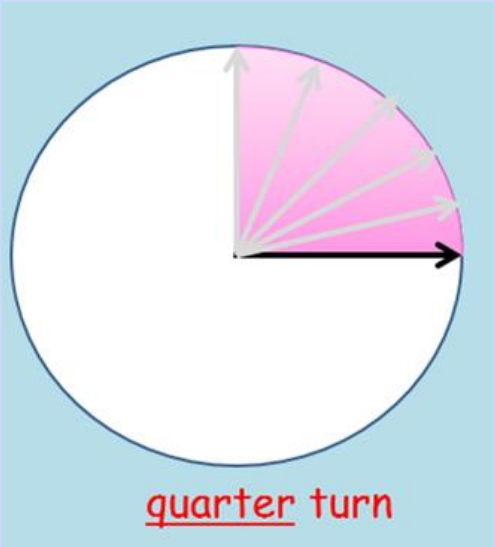
This knowledge might be useful when solving the next challenge.

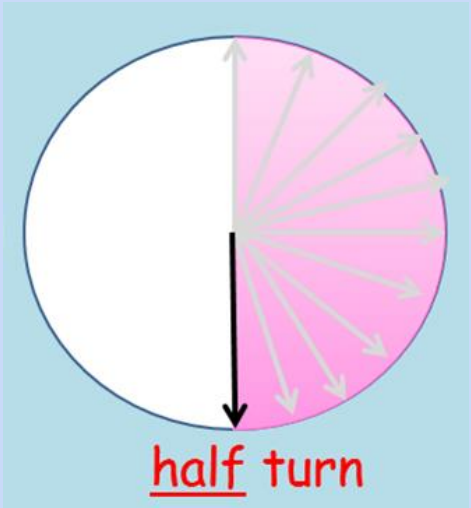


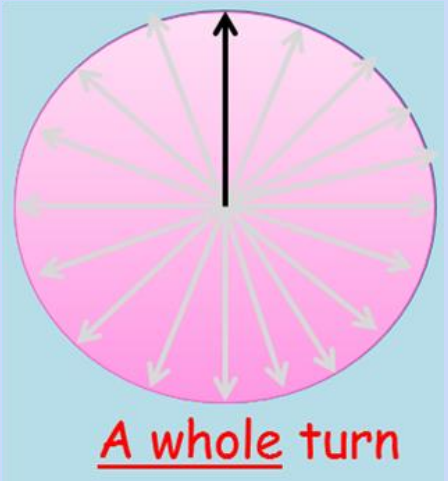
You could also practice these turns with a toy car or doll.







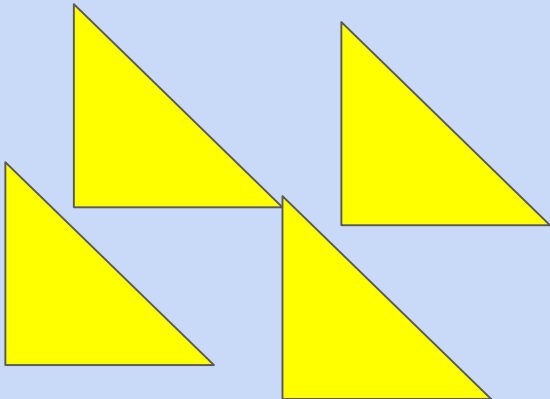




Challenge 1

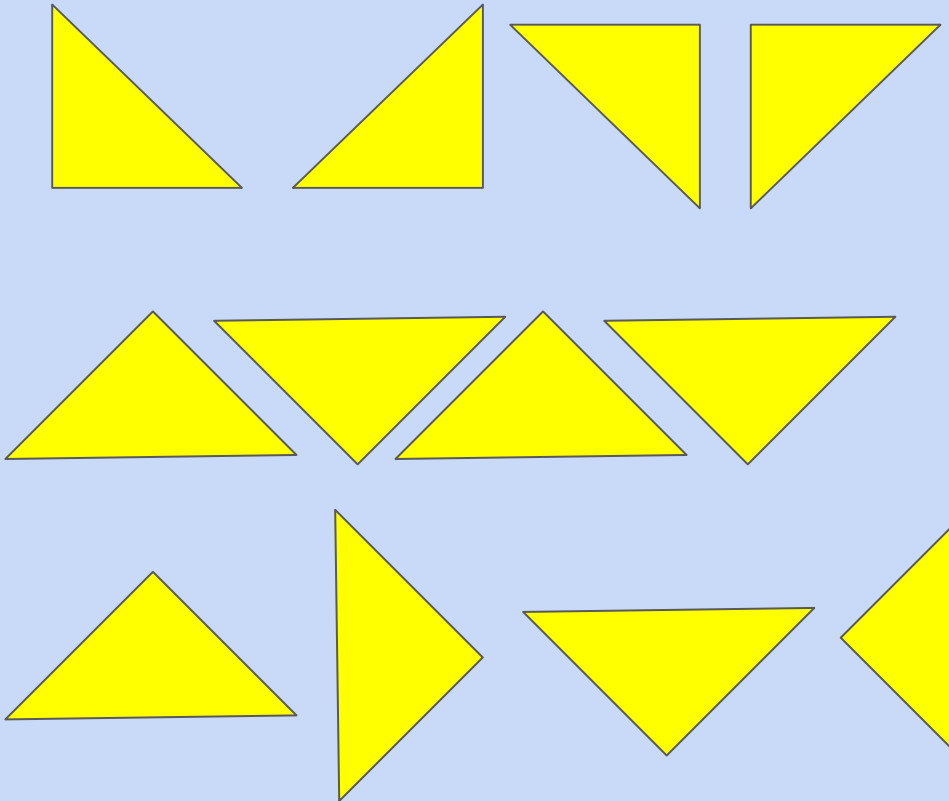
How many different patterns can you create using this shape?

You might find it useful to draw and cut out some triangles like the one in the problem. This way the children can physically move and rotate the triangles to see how many different patterns they can create.



Challenge
Answers

How many different patterns can you create using this shape?



Did you create any of these patterns?

Well done!

Challenge 2

Spot the mistake in each pattern.
Explain why they are incorrect.





Challenge 2

Answers

The 4th shape should be pointing right.



Or the 8th shape should be pointing left.



The 5th shape has not made half a turn.



Morning maths

20.5.20

1. Double 10 =
2. Double 7 =
3. Half of 12 =
4. Half of 18 =
5. 65 = 10 + ___
6. ___ + 20 = 83
7. ___ + 60 = 100
8. 100 = __ + 45
9. 100 = ___ + 1
10. 85 + ___ = 100

Challenge

Ron has these digit cards.



He uses two of the cards to make a 2-digit number.

How many even 2-digit numbers can he make?

Morning maths Answers 20.5.20

1. Double 10 = 20
2. Double 7 = 14
3. Half of 12 =6
4. Half of 18 = 9
5. 65 = 10 + 55
6. 63 + 20 = 83
7. 40 + 60 = 100
8. 100 = 55 + 45
9. 100 = 99 + 1
10. 85 + 15 = 100

Challenge

Ron has these digit cards.



He uses two of the cards to make a 2-digit number.

How many even 2-digit numbers can he make?

14 64 16 46

Maths

Wednesday 20th May

St Catherine's Classroom Beliefs

- Mistakes are valuable.
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- Depth is more important than speed.
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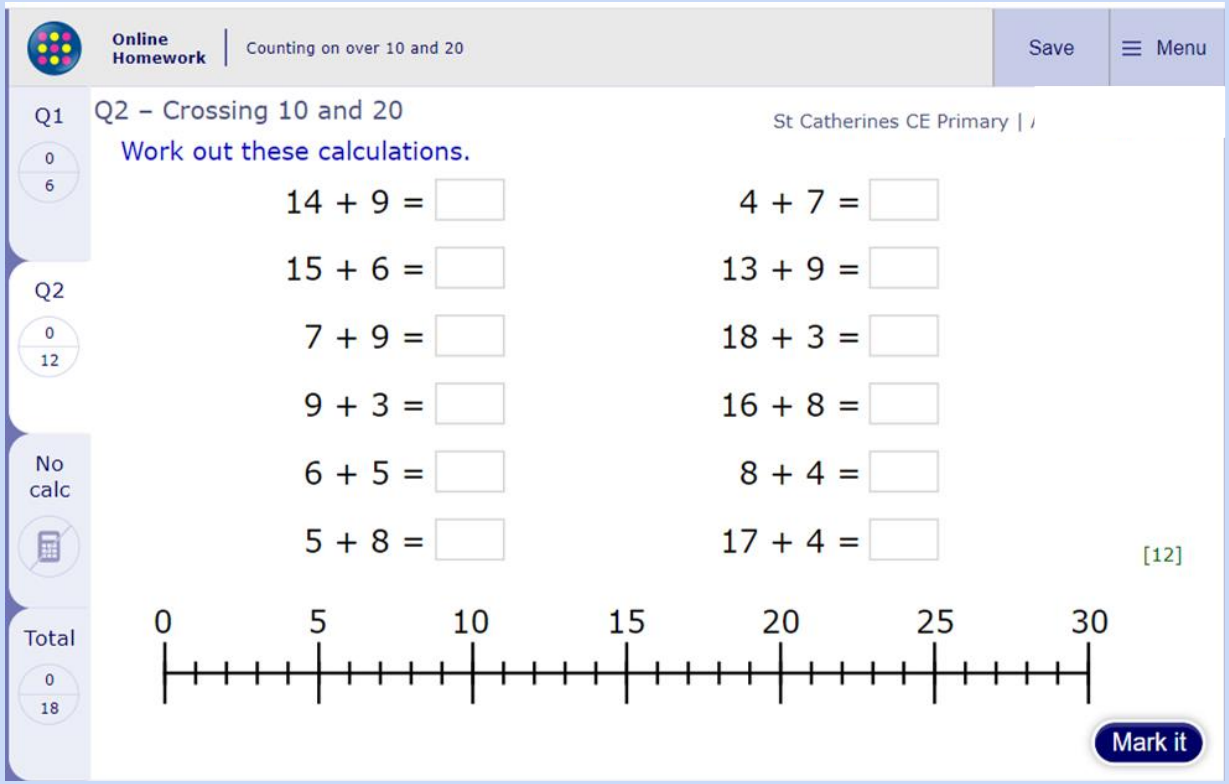
My Maths activity

Lesson: Counting on over 10 and 20

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 consolidate the children's use of mental maths to add up numbers quickly and efficiently.

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.





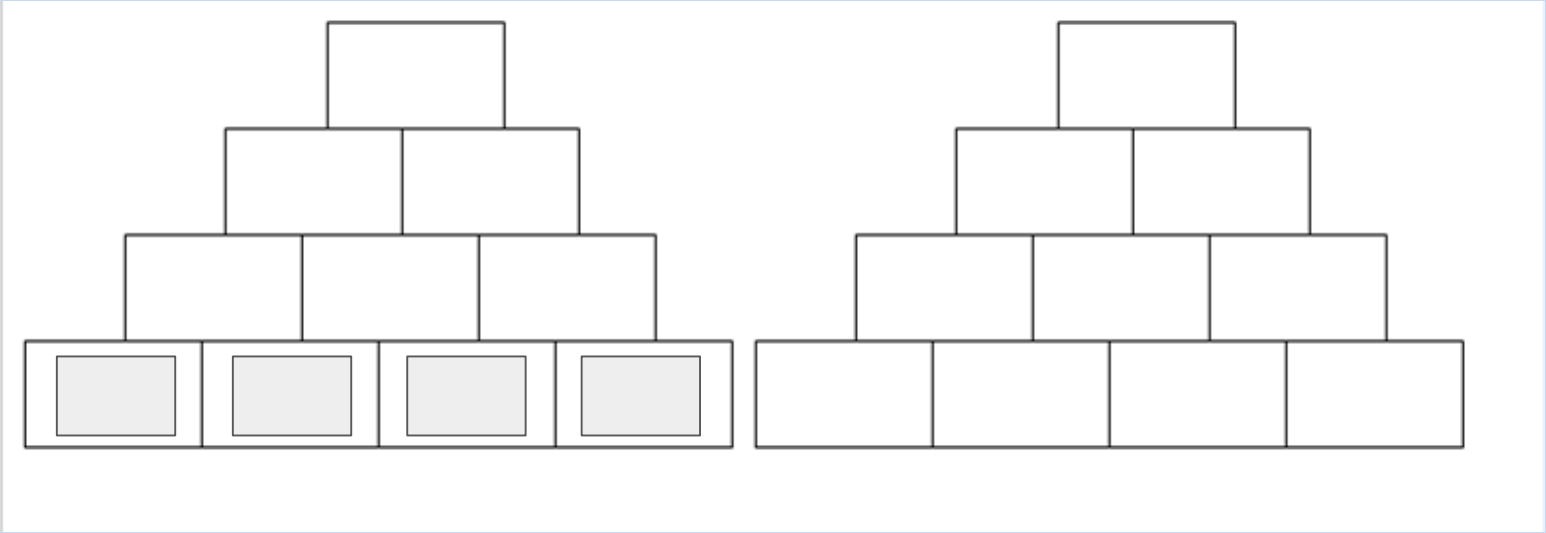
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Have a go at the questions and then click ‘Mark it’ to see how you have go on.

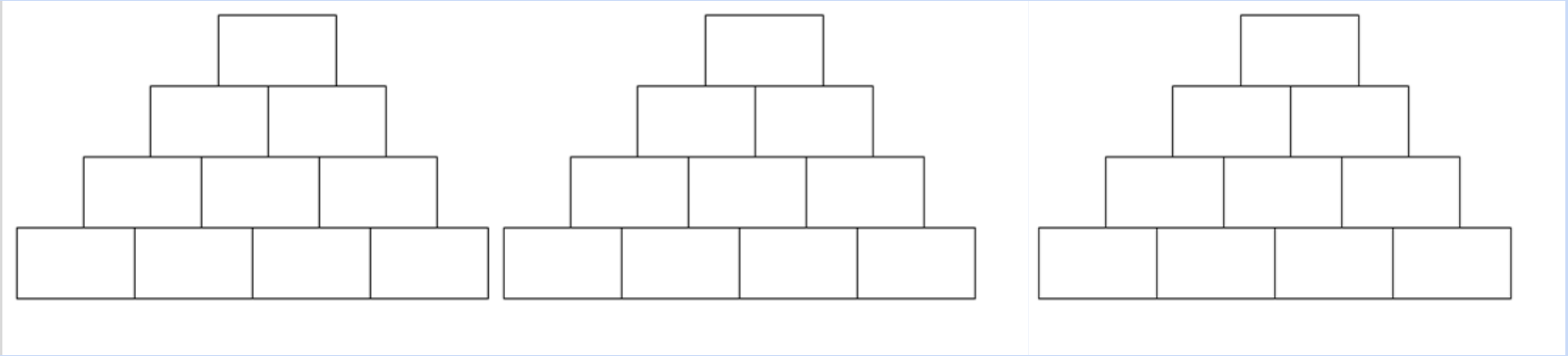
Your login details for My Maths were sent home in your first work pack - make sure you log in so we can see how you are getting on.

Challenge

Choose 4 numbers and write them in the bottom bricks. Add the numbers together and write the total in the brick above. Continue till the top brick is filled. Take the same 4 numbers and write them in a different order in the bottom bricks on the next number pyramid. Does the top brick number change?



***For further pyramid challenges, look at the next slide.**



Choose even numbers for the bottom bricks. What happens to the top brick?

Choose odd numbers for the bottom bricks. What happens to the top brick?

Morning maths

21.5.20

Handy Hint!

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



1. ½ of 16 =
2. ¼ of 24 =
3. ⅓ of 60 =
4. ¾ of 20 =
5. ¾ of 16 =

Challenge

1 What are the missing digits?

3		+		5	=	7	6

2 Annie and Ron each think of a number.



The sum of their numbers is 25

What is Ron's number?

Morning maths Answers 21.5.20

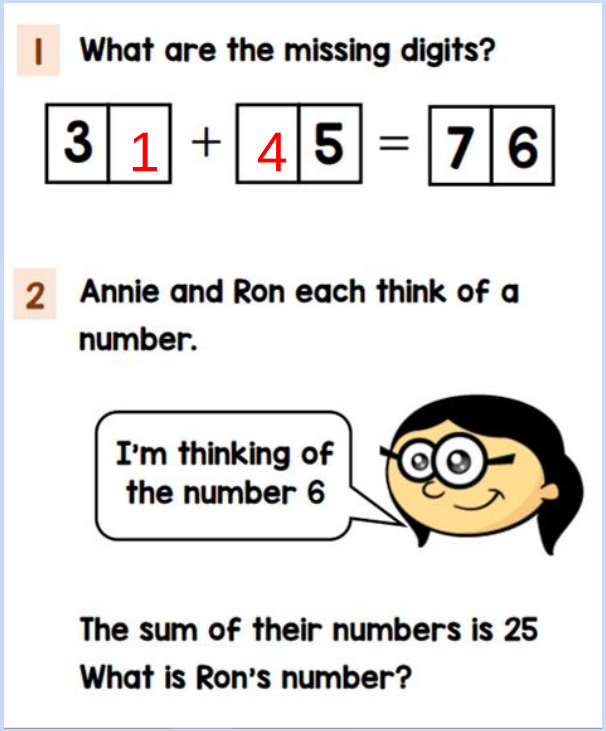
Handy Hint!

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



1. ½ of 16 = 8
2. ¼ of 24 = 6
3. ⅓ of 60 = 20
4. ¾ of 20 = 15
5. ¾ of 16 = 12

Challenge



6 + 19 = 25

Maths

Thursday 21st May

St Catherine's Classroom Beliefs

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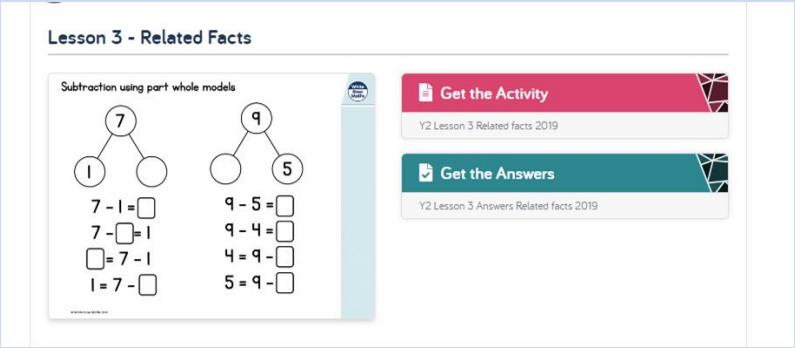
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Information for Parents and Carers

At St Catherine's we follow the Mathematic programme 'White Rose Maths'. White Rose Maths have set up a series of daily lessons for children to follow at home. To continue our learning on number facts, we will be using a few lessons from this website this week.

https://whiterosemaths.com/homelearning/year-2/

Every lesson comes with a short video for you to watch and discuss with your child. After each video there is an activity for your child to complete. You may want to print this off or work from the screen and write your answers on a separate piece of paper.

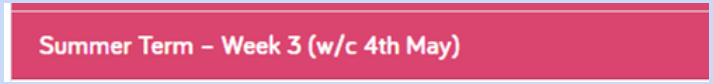


21.5.20

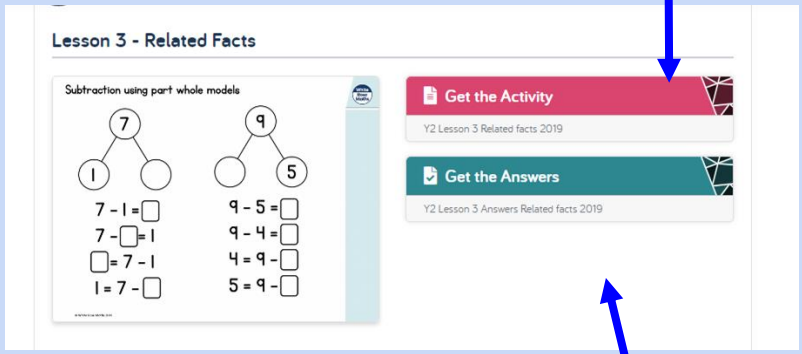
1. Load the white rose website
https://whiterosemaths.com/homelearning/year-2/

2. Click on **'Summer Term - Week 3'** and scroll down to **Lesson 3 - Related facts**. This will be the lesson children will complete today.

3. Watch the video and complete the activity. You can then check your answers.



Activity



Video

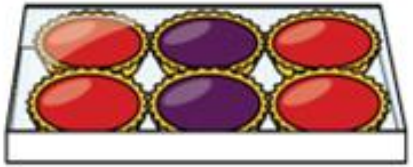
Answers

Related facts challenge

Whitney has 3 jam tarts.



Tommy has 6 jam tarts.



Altogether they have 9 jam tarts.

$3 + 6 = 9$

So

$___ + ___ = 90$

What if all of the red jam tarts are eaten?

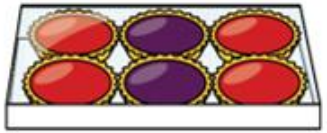
What if all of the purple jam tarts are eaten?

Related facts challenge answer

Whitney has 3 jam tarts.



Tommy has 6 jam tarts.



Altogether they have 9 jam tarts.

3 + 6 = 9
So
___ + ___ = 90

What if all of the red jam tarts are eaten?

What if all of the purple jam tarts are eaten?

30 + 60 = 90

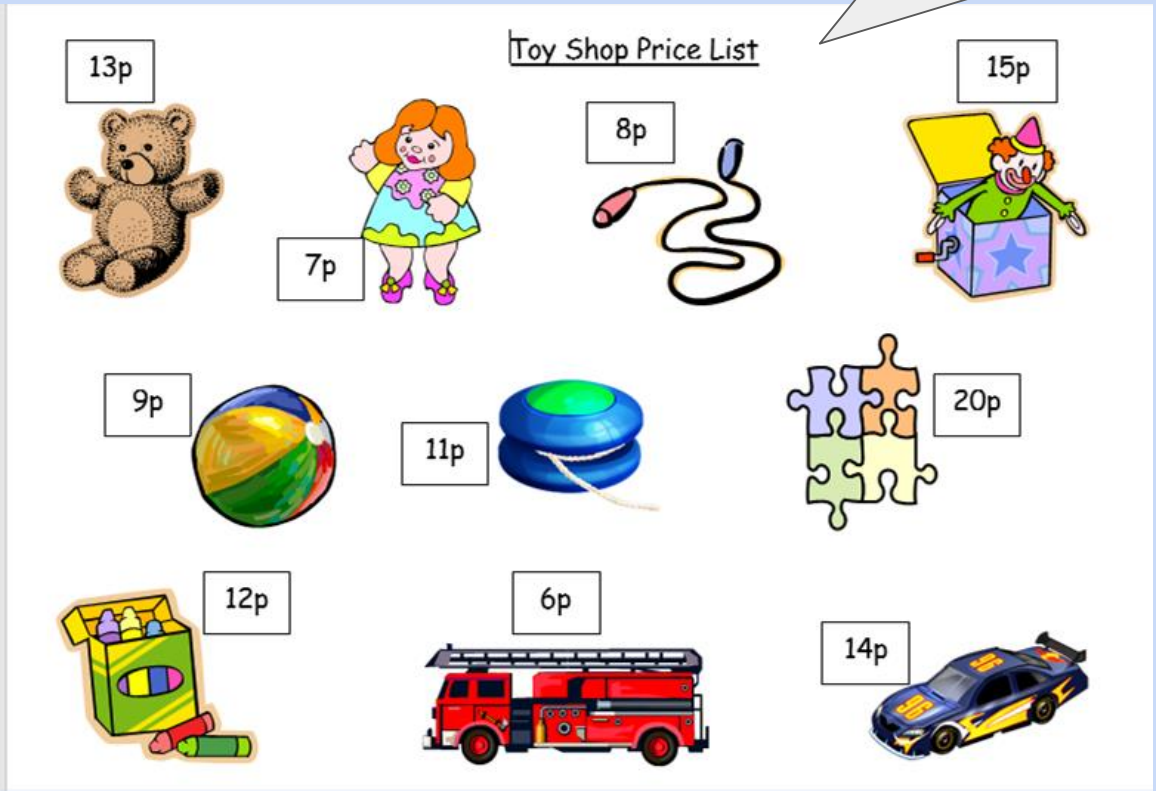
If all of the red tarts are eaten then
1 + 2 = 3
so
10 + 20 = 30

If all of the purple tarts are eaten then
2 + 4 = 6
so
20 + 40 = 60

Morning Maths

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

22.5.20





You have 50p to spend at the shop.

Work out how much change you would get from paying with 50p.

For example. The car is 14p.
50p - 14p = 36p

Maths

Friday 22nd May

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- Depth is more important than speed.
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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.

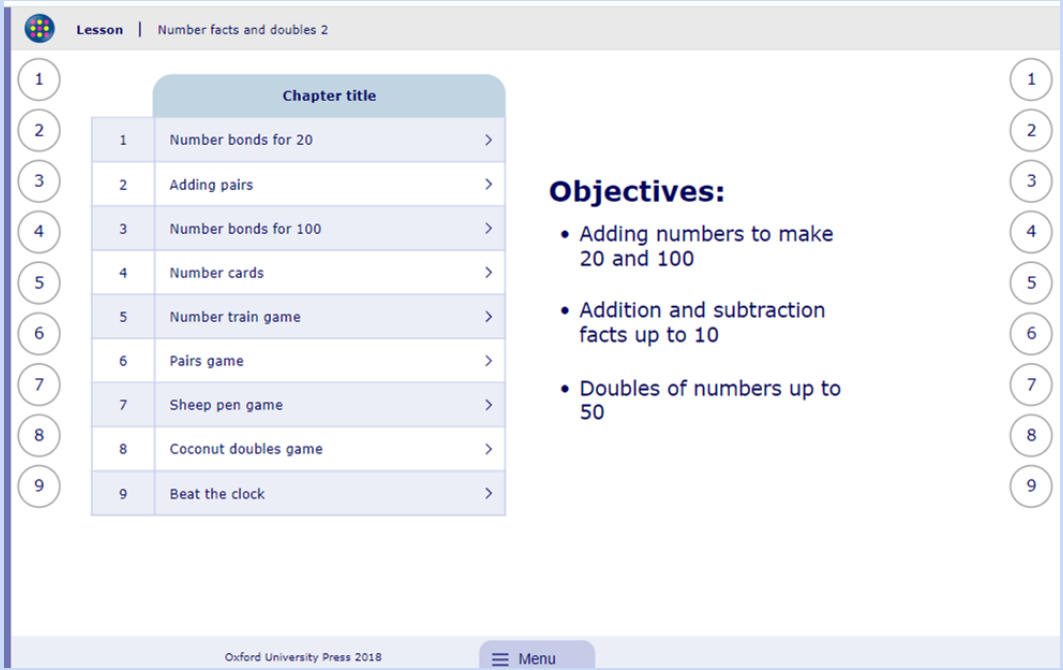
odd	even	more than	less than
two digit	tens	ones	in between

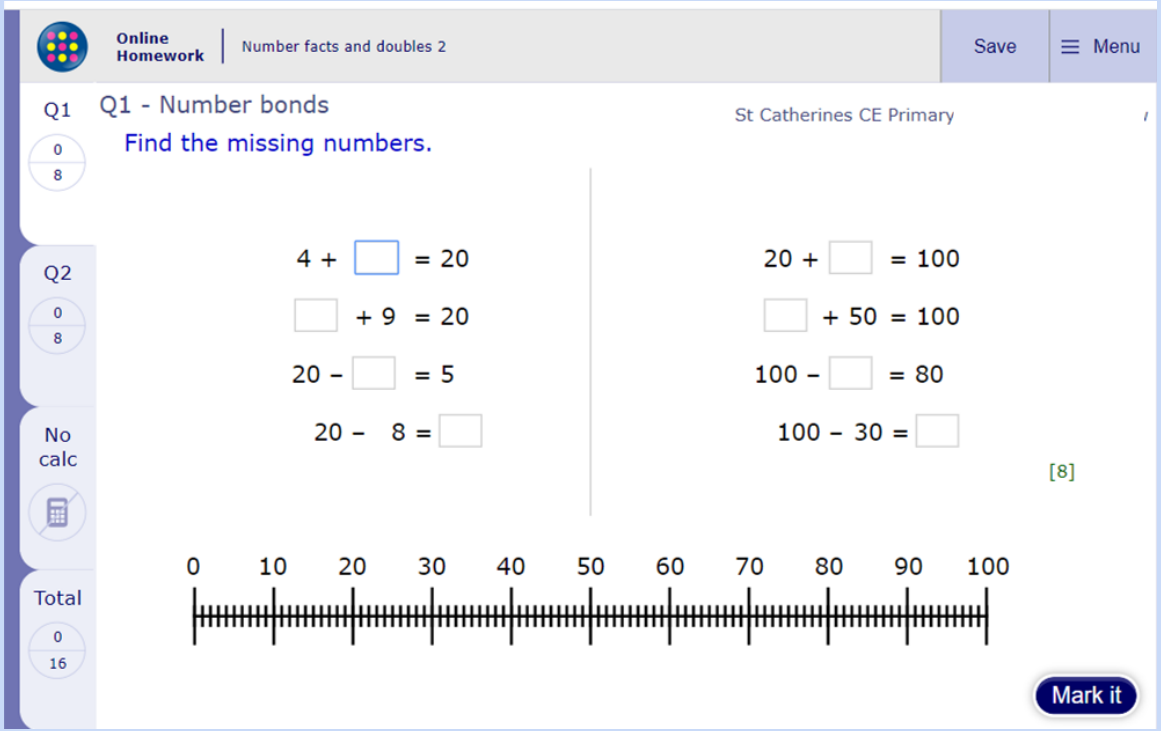
My Maths activity

Lesson: Number facts and doubles 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 will consolidate the children's knowledge of number bonds and pairs that add up to 100. It also works on doubling numbers to 50.

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.

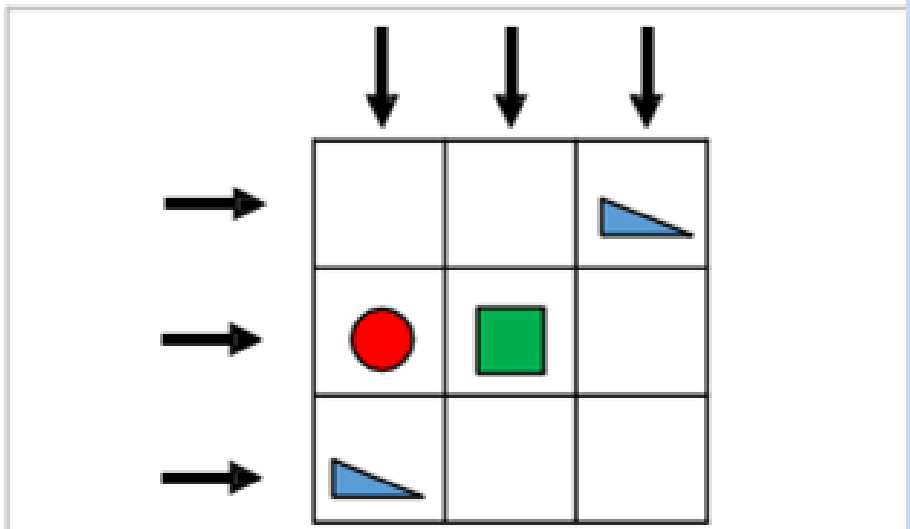




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Further number challenge



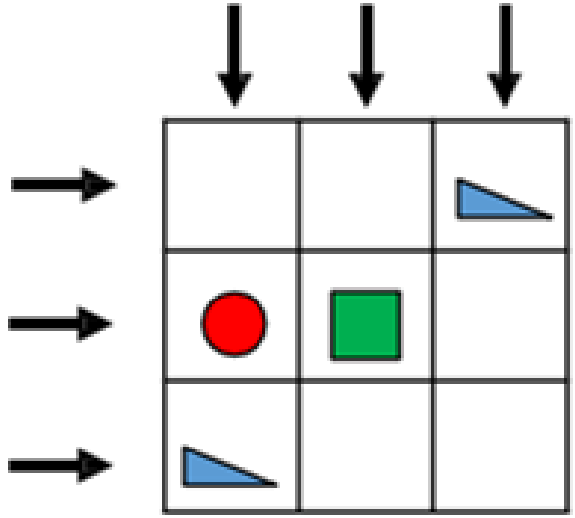
Squares are worth 10
Triangles are worth 20
Circles are worth 30

1. Can you compete the grid so that all horizontal and vertical lines equal 60?

2. Can you create another pattern on an empty grid where each line equals 60?

Further number challenge Answer

1.



Squares are worth 10
Triangles are worth 20
Circles are worth 30

Solution

