Hello Year 2!

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

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

Morning maths

20.4.20

1. 23 + 7 =
1. 18 + 6 =
1. 19 - 5 =
1. 24 - 7 =
1. 30 + __ + 10 = 47
1. 50 + 30 + ___ 100
1. Double 6 =
2. Double 4 =
3. Double 8 =

Challenge

Sort these numbers into Odd and Even. Can you explain to someone at home how you know which numbers are odd?

Odd	Even

34 3 100 55 87 12

7 19 41 238 186

Now have a go at adding some of your own numbers.

Maths

Monday 20th April

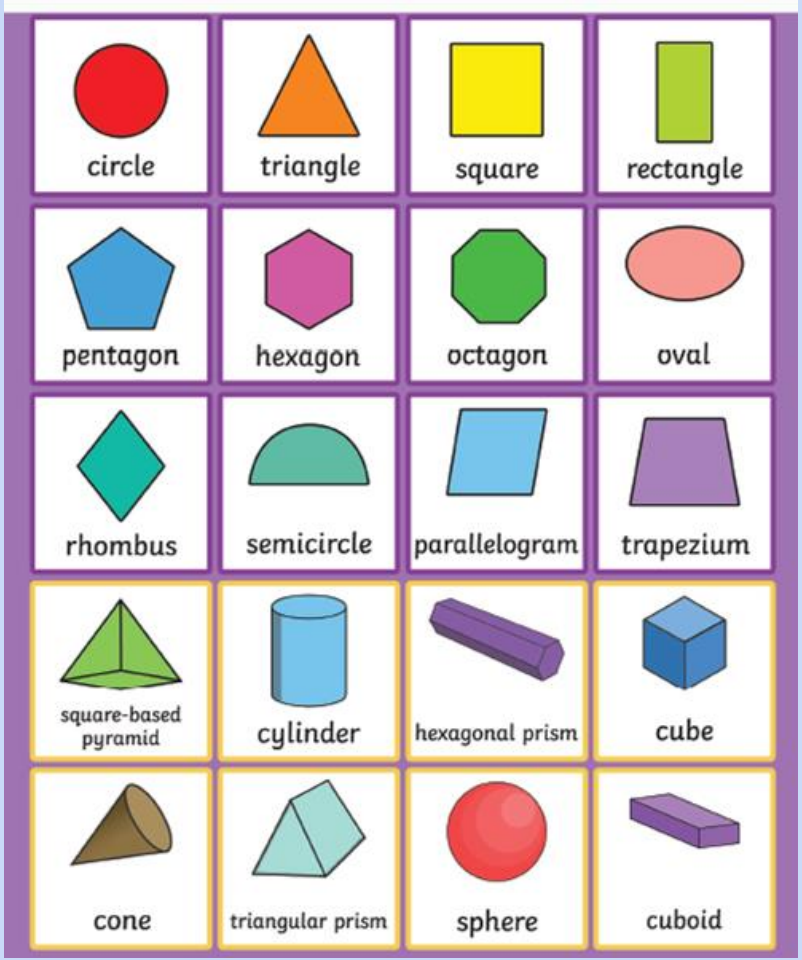
St Catherine's Classroom Beliefs

- 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
CE PRIMARY SCHOOL

WALT: name and describe 2D shapes

Before we start, get your My Maths log in details ready. These were provided in your first work pack



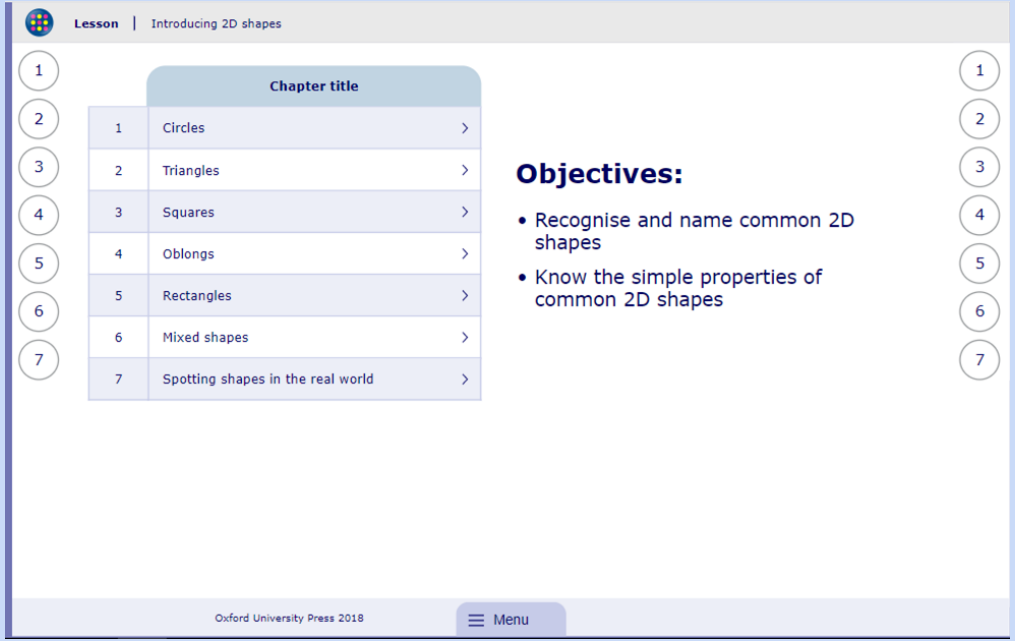
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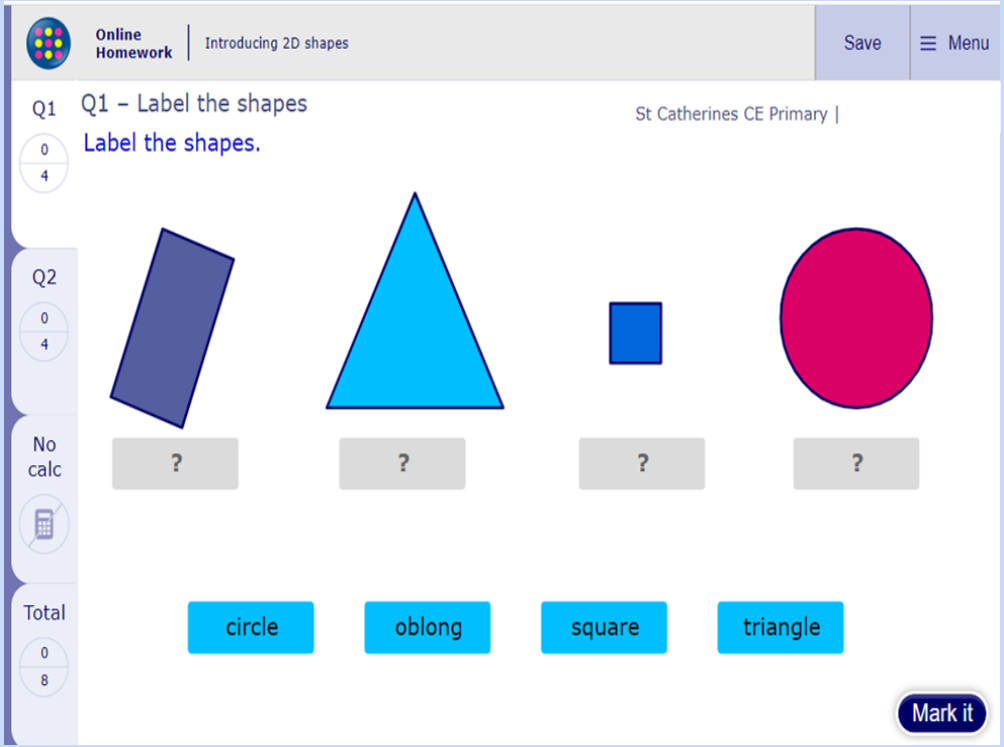
My Maths activity

Lesson 1: Introducing 2D shapes

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 recap on the names of 2D shapes and how we can describe them. This is a recap of what we already know about 2D shape, so hopefully it won't be new information!

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.

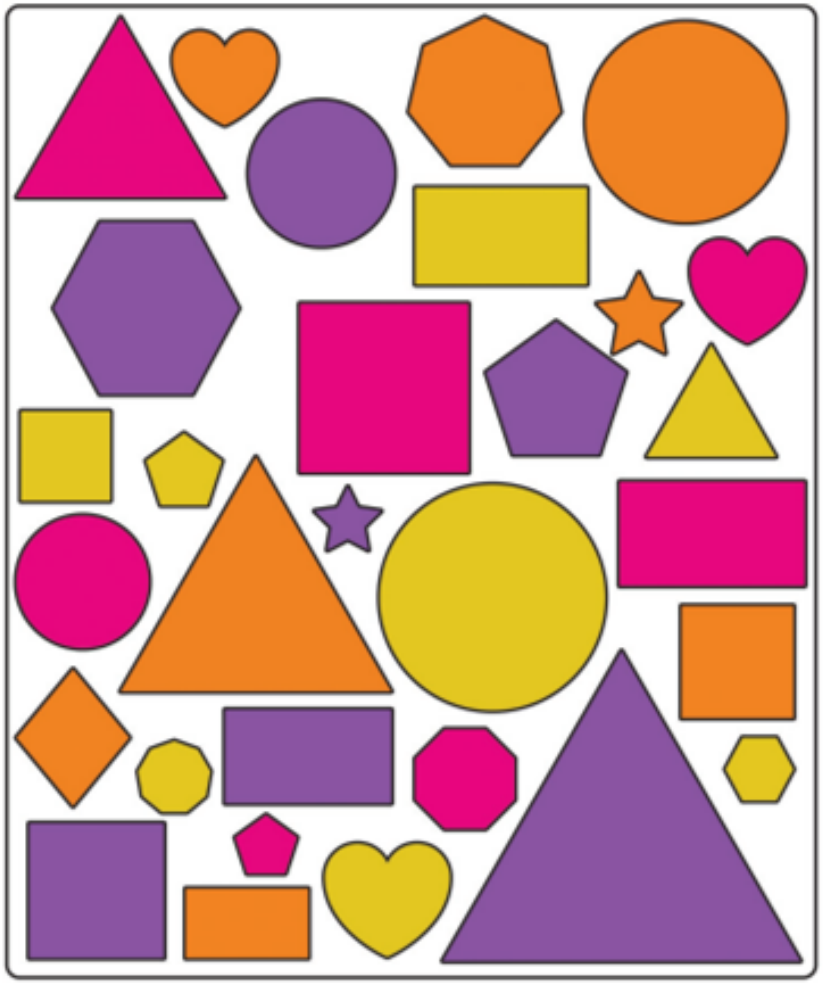




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I Spy with My Little Eye



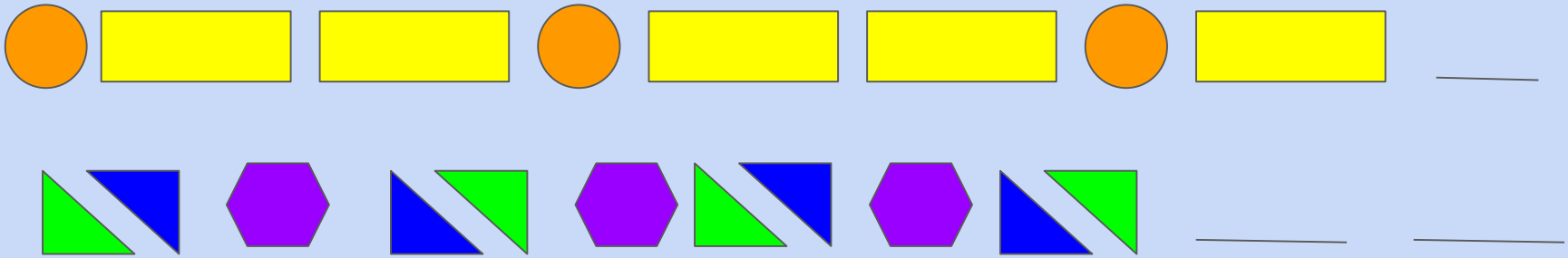
What 2D shapes can you see?
How many of each 2D shape are there?

I spy with my little eye...

Activity

Create **repeating** patterns using 2D shapes.

What shapes will come next?



This activity could be done with chalk on the floor outside, using potato stamps, cutting up shapes and putting them into a pattern, or by simply drawing the shapes on a piece of paper.

Morning maths

21.4.20

1. 6 x 2 =
1. 5 x 5 =
1. 3 x 10 =
1. 7 x 3 =
1. 9 x 5 =
1. ___ x 3 = 3
1. 4 x ___= 20
1. ___ x 2 = 18
2. ___ x ___ = 20
3. ___ x ___ = 15

Challenge

Write five coins that have a total of 37p.

p	p	p	p	p

Look at these coins:



What is the largest amount you can make using **three** of these coins?

p

Maths

Tuesday 21st April

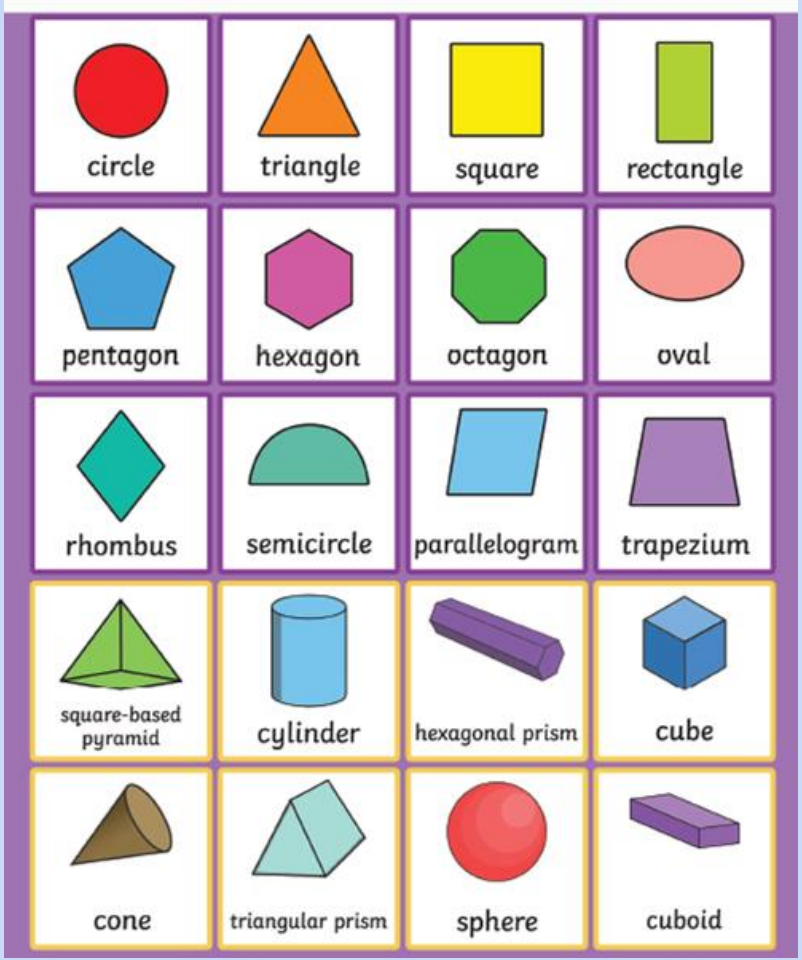
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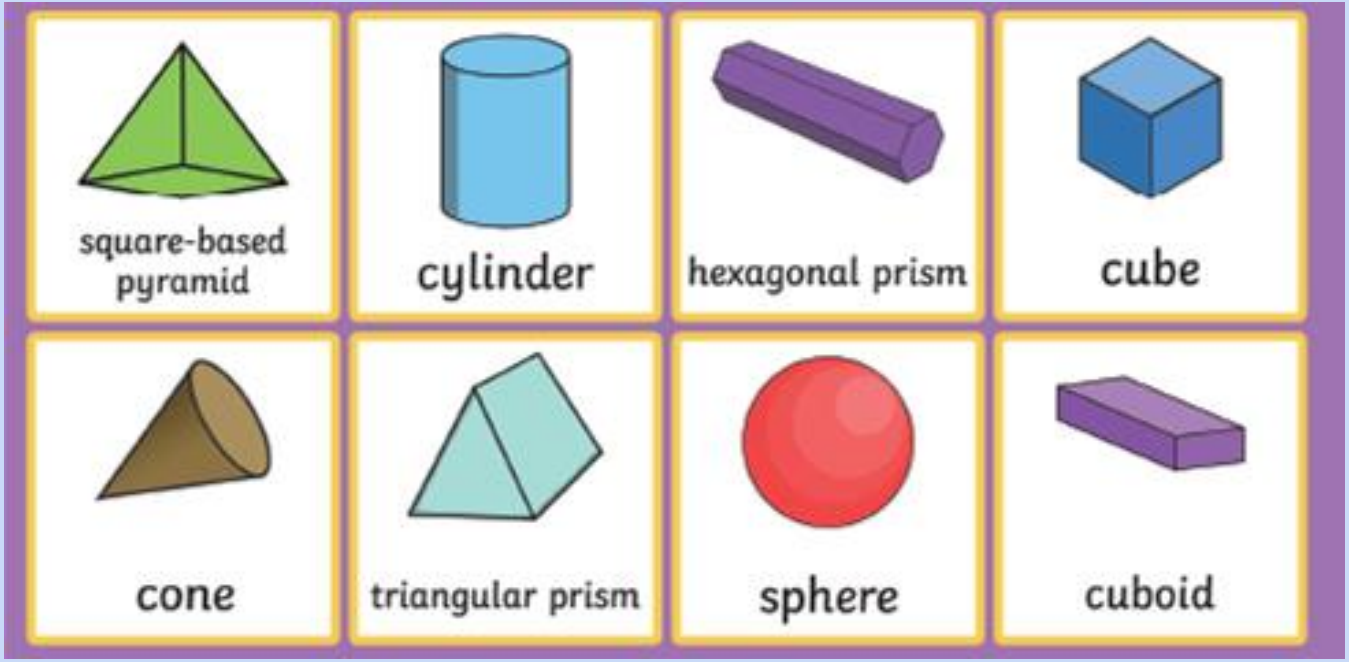
WALT: name and describe 2D and 3D shapes

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Recap…

Before we start the My Maths lesson for today. Let's remind ourselves of the names of some 3D shapes.



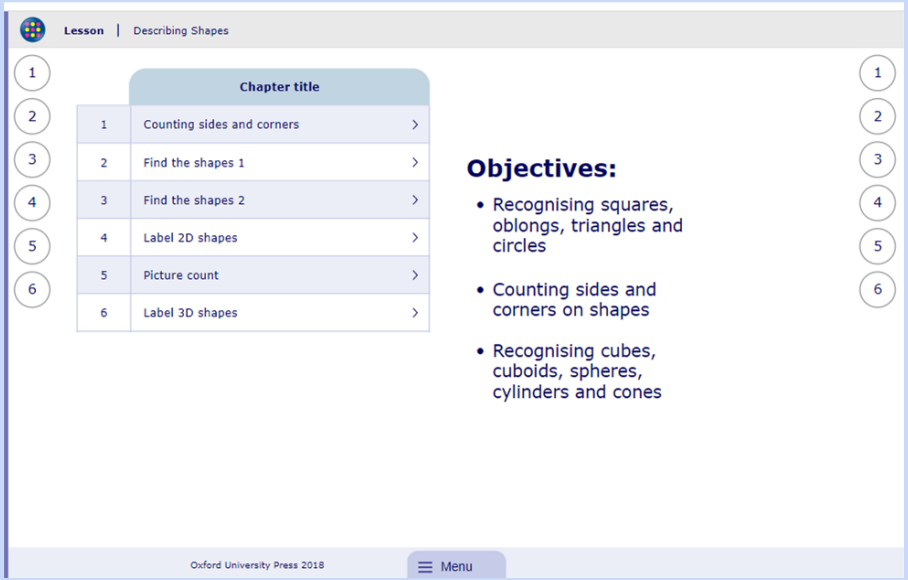
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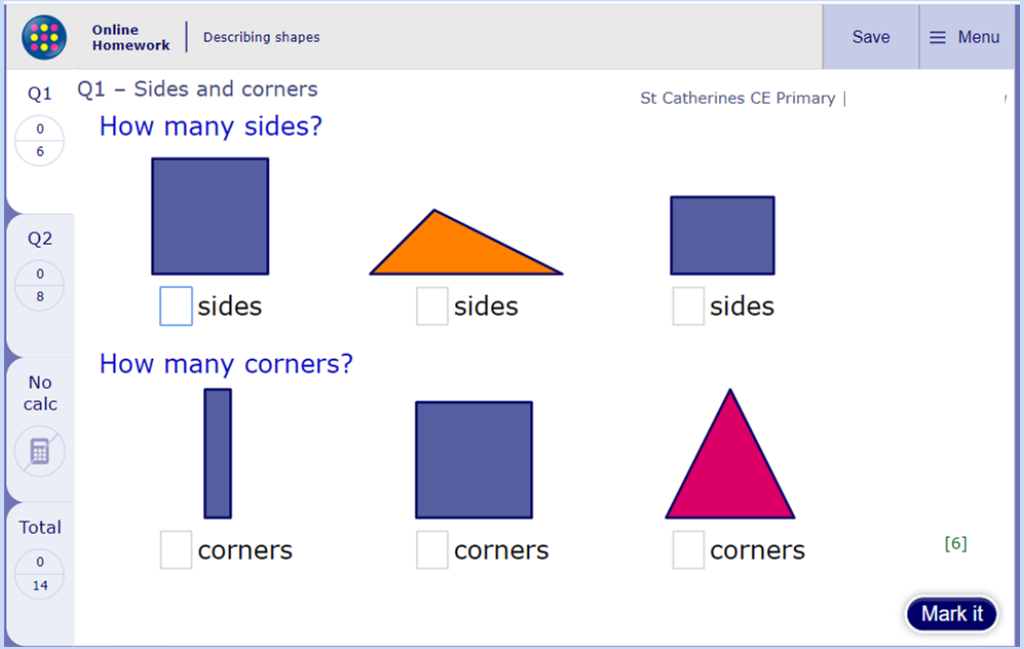
My Maths activity

Lesson: Describing shapes

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 cover the names of 2D shapes and how we can describe them as well as the names of some 3D shapes.

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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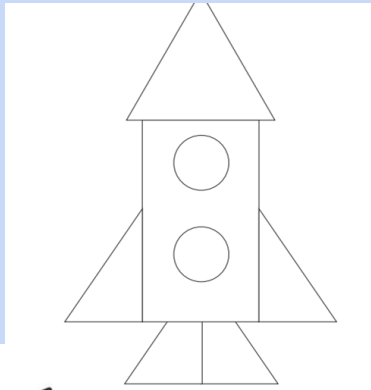
Activity

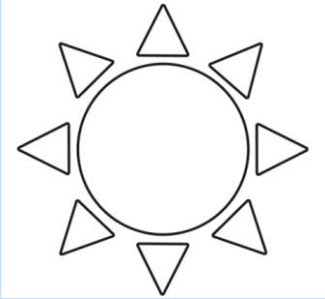
Draw a picture using different 2D shapes.

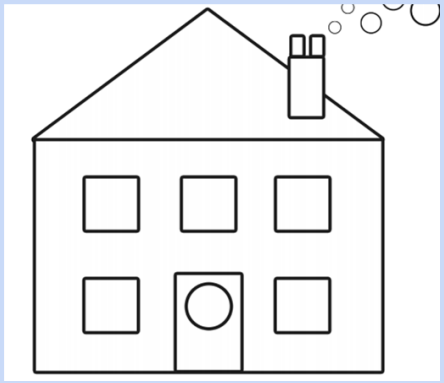
What items can you find around the house that you can draw around to create a 2D shape on paper?

E.g. The bottom of a can is a circle, a small cardboard box can make a square and the end of a toblerone box can make a triangle.

Be as creative as you want!







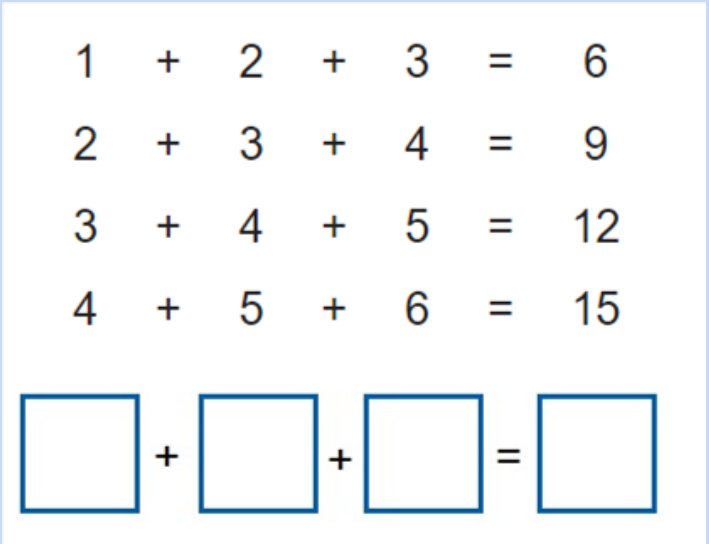
Morning maths

22.4.20

1. Half of 6 =
1. Half of 10 =
1. Double 2 =
1. Double 9 =
1. 15 + 15 =
1. ___ + 8 = 12
1. 7 + 84 =
1. 48 + 3 =
2. 96 + 5 =
3. 23 + 37 =

Challenge

Write the next number sentence in the pattern.



Look at the answers to each calculation. Can you spot a pattern? Explain to someone at home what you notice.

Maths

Wednesday 22nd April

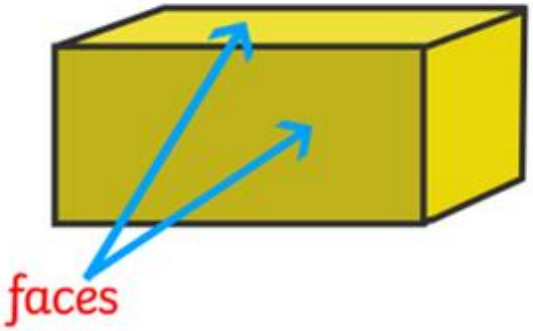
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St Catherine's
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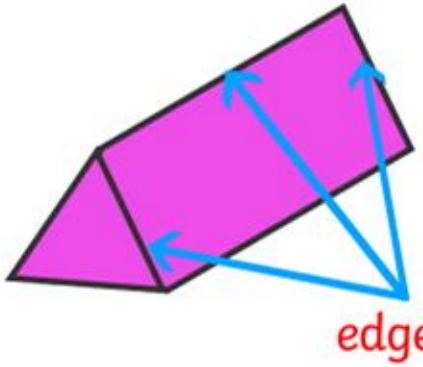
Describing 3D shapes

Faces



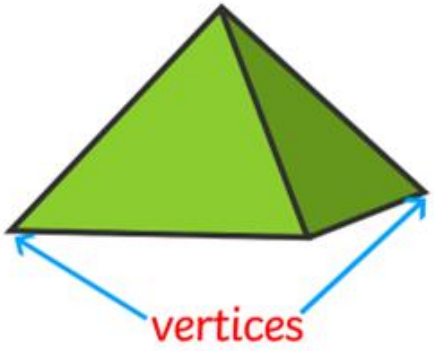
Faces are the flat sides on a shape.

Edges



Edges are the lines where two faces meet.

Vertices



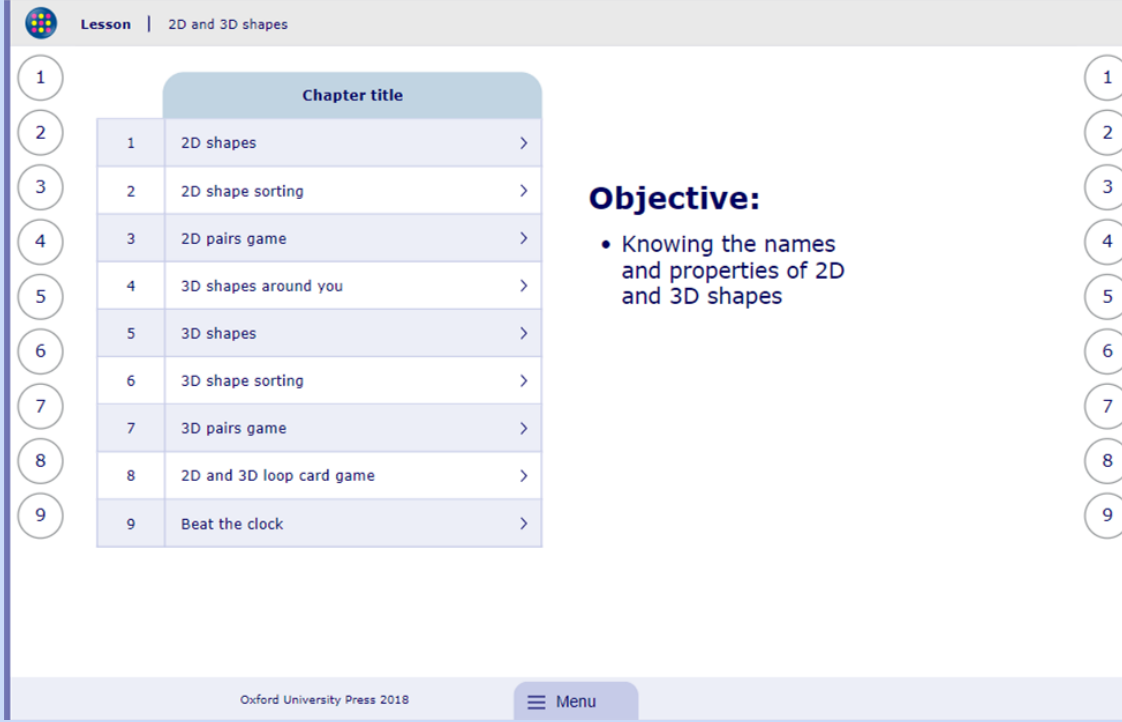
Vertices are the corners of a 3D object, where two or more edges meet.

Use the BBC Bitesize website to learn about how we can describe properties of 3D shapes. Then have a go at the My Maths lesson.

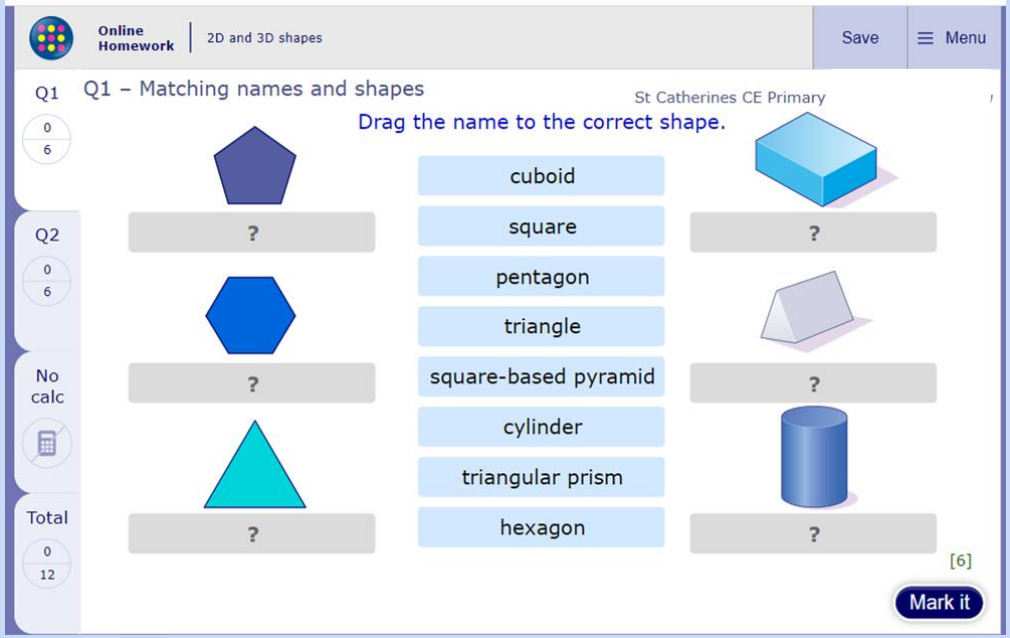
https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/zgqpk2p

My Maths Activity

Lesson: 2D and 3D shapes
To start the lesson, click on the image to the right of the screen. This will take you to an interactive lesson. This lesson continues our work on shape and focuses on how we can describe shapes using their properties.
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.



Handy Hint!
If you can find some examples of 3D shapes around the house, it will help the children identify the different faces, vertices and edges by touching them.
It can be hard to recognise edges and vertices from just a picture.



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

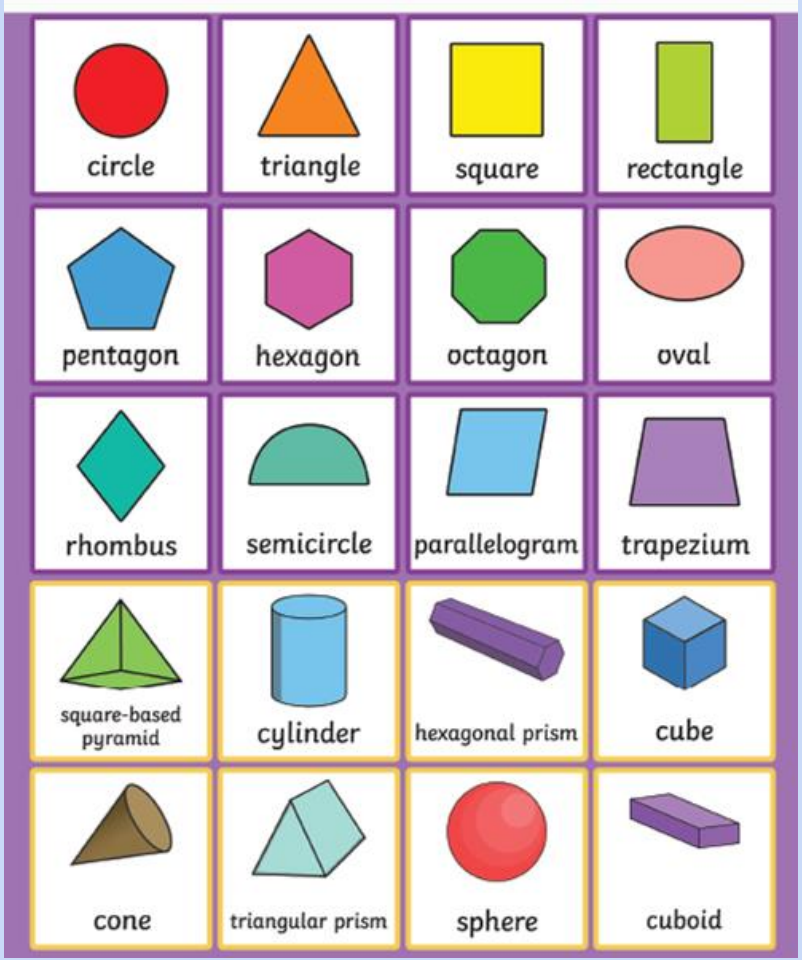
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Guess my shape game

Take it in turns to describe a shape.

Can your partner guess which shape you are describing?

(Have the shape poster out in front of you so children can refer back to it if needed.)



Useful vocabulary:

2D and 3D shapes corners sides vertices edges faces

Morning maths

23.4.20

1. 8 ÷ 2 =
1. 10 ÷ 5 =
1. 14 ÷ 2 =
1. 18 ÷ 3 =
1. ___ = 20 + 15
1. ___ = 30 + 22
1. ___ = 34 + 40
1. ½ of 12 =
2. ½ of 20 =
3. ½ of 26 =

Problem

How many **different ways** can you complete this balanced calculation?

18 + 7 = ____ + ____

Remember the **'='** symbol means the **'same as'**. Both sides of the calculation should equal the same amount.

E.g. 18 + 7 = 20 + 5

Extra challenge!

Can you create a x, ÷ and a - calculation to complete the above calculation?

Maths

Thursday 23rd April

St Catherine's Classroom Beliefs

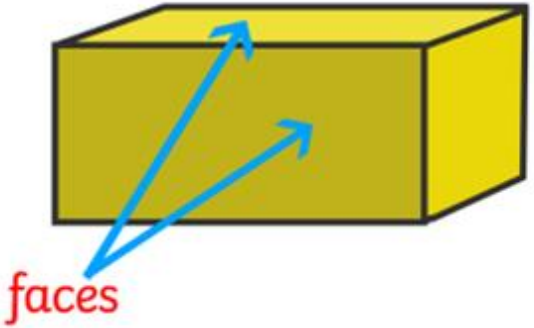
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St Catherine's
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Recap...

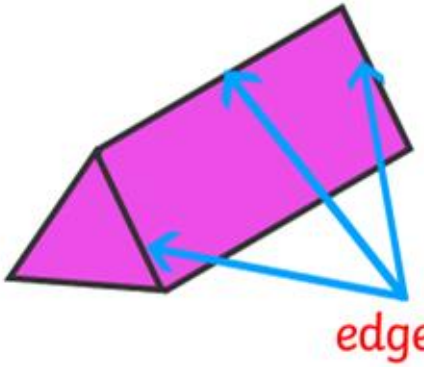
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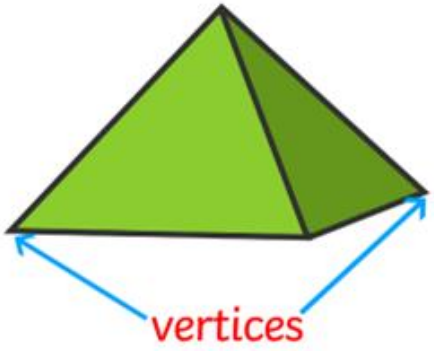
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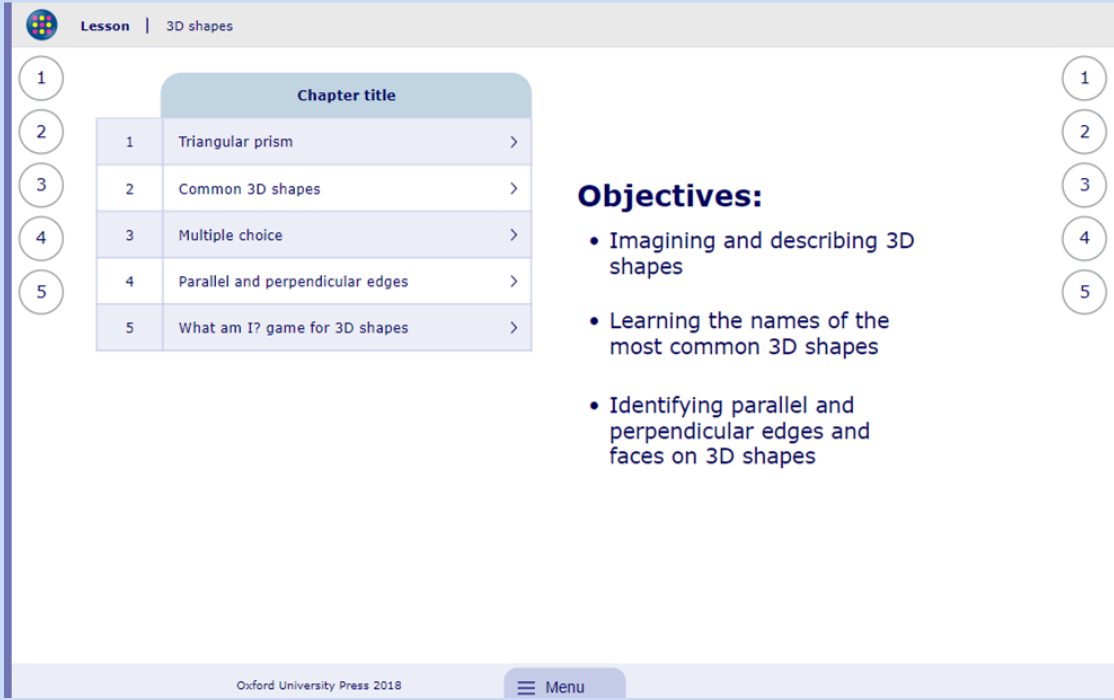


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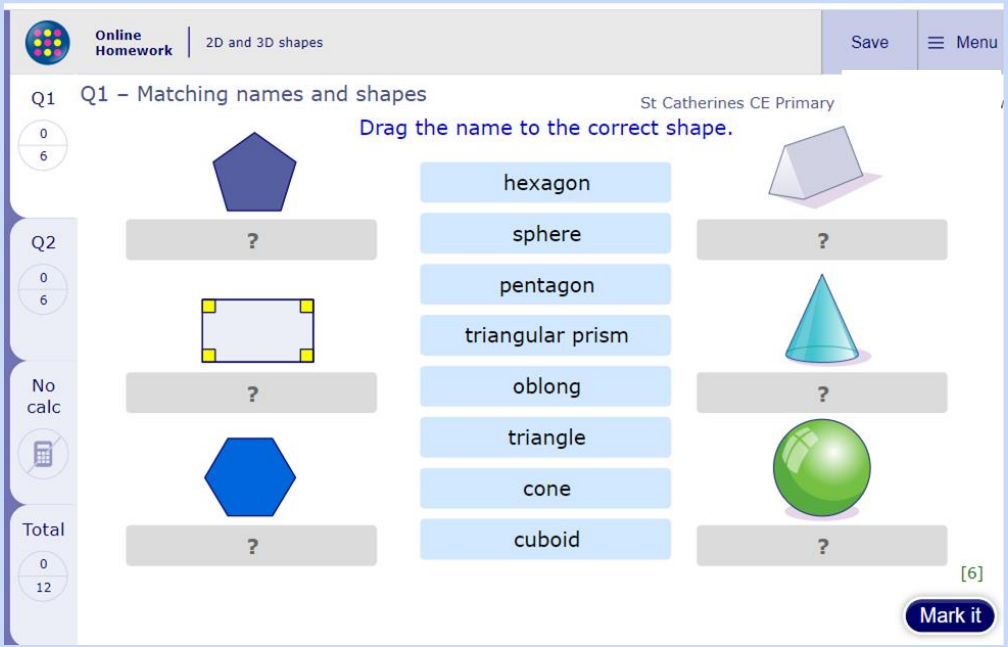
My Maths Activity

Lesson: 3D shapes
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Remind yourselves of the key vocabulary by revisiting the BBC Bitesize website if you need too.
https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/zgqpk2p

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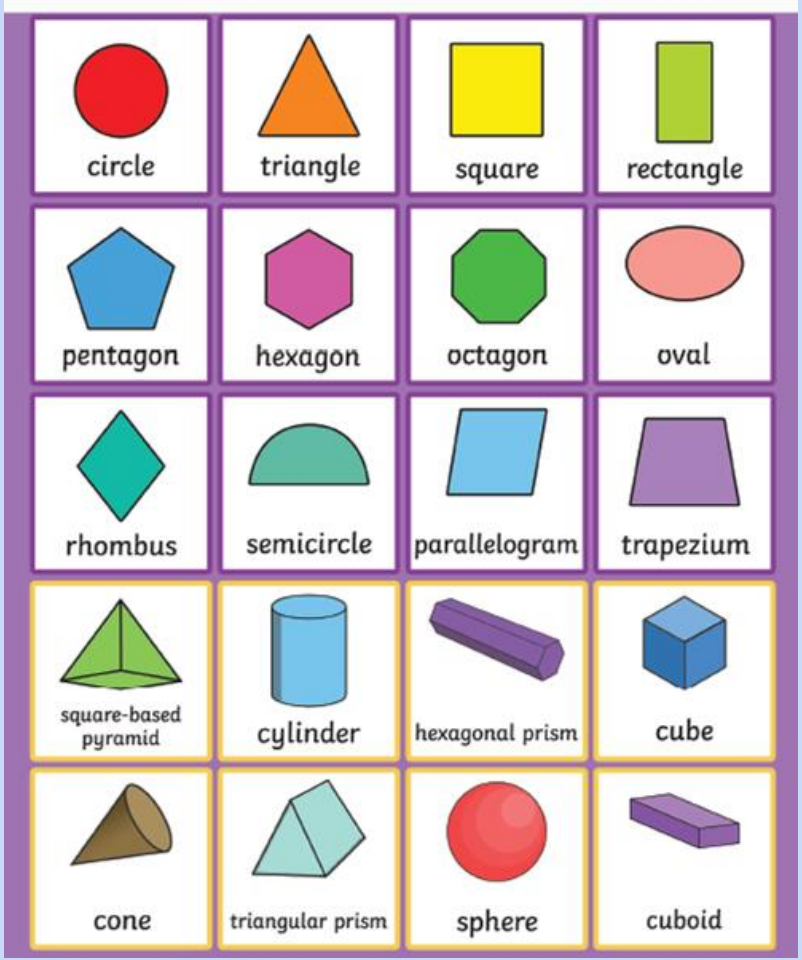
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Can your partner guess which shape you are describing?

(Have the shape poster out in front of you so children can refer back to it if needed.)



Useful vocabulary:

2D and 3D shapes corners sides vertices edges faces

Morning Maths

24.4.20

What can you tell me about the number 16?

Tens and ones

Odd or even?

10 + 6 = 16

16

__ + __ + __ =

Draw it.

+ ÷ - x

fractions?

Greater than?
Fewer than?

Maths

Friday 24th April

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St Catherine's
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For today’s lesson you will need to make some digit cards.





















Use the digit cards to complete the following activities.

Shuffle the cards and deal them out. Now put them in order from the smallest number to the largest. Do this again. How quickly can you order these numbers?



Pick any number and use this as your start number. Count on from this number to 50. Now count back again to your start number. Do this with a different number but you can choose which number you are counting on to……Don't forget to count back to your start number!

Pick 3 numbers less than 10. Add them together. Repeat with 3 different numbers less than 10. Can you find any calculations that equal the same answer?

Pick 2 numbers less than 10. Subtract one from the other. Repeat with 2 different numbers less than 10. Try to solve these without using drawings to help you. Use your mental maths skills!

Challenge!

Make 2 two digit numbers which you know will give you the largest total. How do you know?

T	O		T	O		
_	_	+	_	_	=	_____

0	1	2	3	4	5	6	7	8	9

Guess my number!



Take it in turns to make a number using your digit cards 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