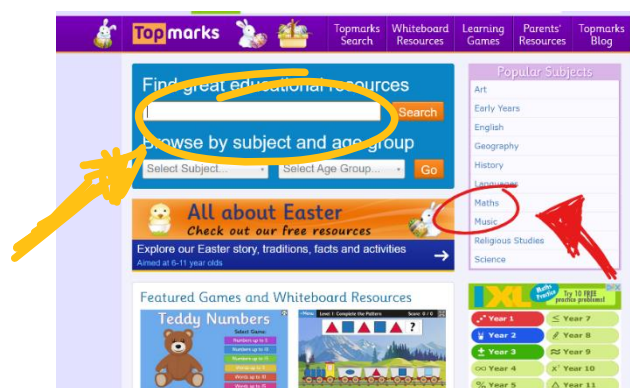


Maths – Mental Maths

Use this guide to access online Maths games with additional advice on how to support your children with each one. Keep using these games to practise maths skills.

Go to the website www.topmarks.co.uk



You can either click on 'maths' on the right - this will take you to a new page where you will find a list of interactive maths games.

Or, you can search in the box the names of the games listed below, which are the ones we recommend for you.

Straight Forward Games

'Alien Addition' – Adding

'Minus Mission' – Subtraction

'Blast Off' – Adding, Subtraction, Number Recognition (spoken instructions)

'Caterpillar Ordering' – Place Value/Ordering and Sequencing

'Rocket Rounding' – Rounding to nearest 10/100

'Measuring in cm' – Using a ruler

'Teaching Clock' – Practising telling times(Digital and Analogue)

Trickier Games (Higher Level Skills)

'Maths Invaders' – Addition/Subtraction/Multiplication/Reading Numbers(words and digits)/Fractions

'Maths Fishing' – Multiplication (including decimals)

'Colouring Numbers in Pascal's Triangle' – Division (including large numbers)

'Countdown' – Addition/Subtraction/Multiplication/Division (Needs pencil and paper)

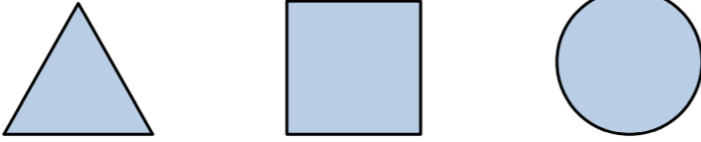
NB: This is also a great opportunity for **times tables practise**. Set a target of **one set per week**.

The recommend order for learning tables is: 2x, 5x, 10x, 3x, 4x, 6x, 7x, 8x, 9x...then potentially 11x & 12x.

Maths – Shapes

Numeracy - Shapes

1. Here are some shapes. Put an X inside the square.

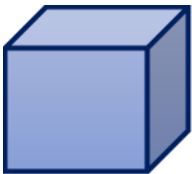


2. Put an X beside the right name for the 2D shape underneath.



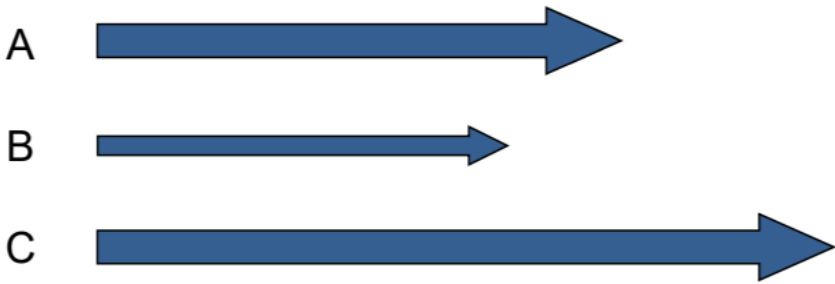
Triangle Rectangle

3. Put an X beside the right name for the 3D shape underneath.



Cub e..... Sphere

4. Look at the following arrows.



Which one is the narrowest?.....

Which one is the longest?.....

5. Put an X under the smallest star.



5. Put an X under two shapes that are the same.



6. Look at the letters below.

K H

A D C F E G

next to between above below

Complete the following sentences using the

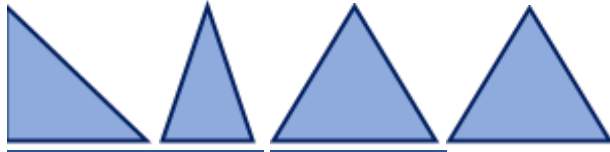
correct word/s from the box.

C isD.

F isH.

D isA and C.

6. Look at the following triangles. Put an **X** under the right-angled triangle.



7. Choose the correct name for the following shapes from the list below and type it underneath the correct shape.

Cylinder Hexagon Sphere Pentagon



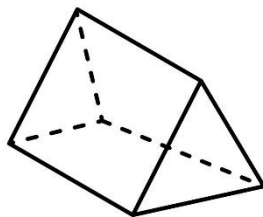
8. Move the arrow half a turn clockwise.



9. Look at the following shape.

Write down the number of:

- Edges
- Faces
- Vertices



10. Write down how many **straight edges** this shape has.



..... straight edges

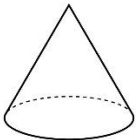
11. Look at the following arrow.



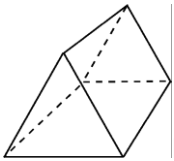
The arrow does a quarter turn clockwise.
Put an X under which of the following it now looks like.



12. Put an X beside the correct name for the following shapes.



Cone Cylinder

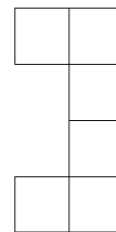
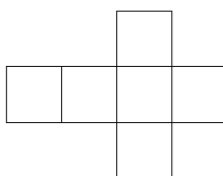
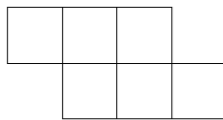


Prism Pyramid

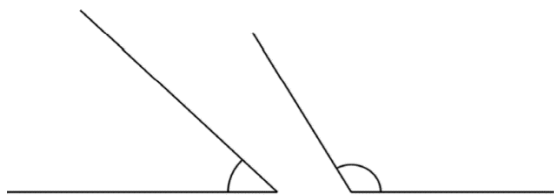
13. Underneath the following road signs, **say how many lines of symmetry you think each one has.**
(Remember a line of symmetry is where you can divide the shape where both sides are a mirror image of each other).



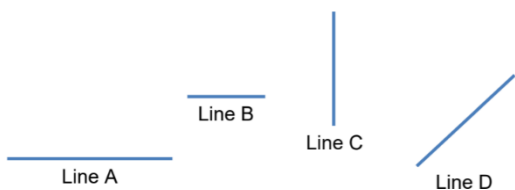
14. Which of the following do you think is the net of a cube? (Think - which one if you could cut it out and fold it would fold to make a perfect cube?)
Put an X beside the one you think.



15. One of the following angles is less than a right angle.
Put an **X** underneath the one you think this is.

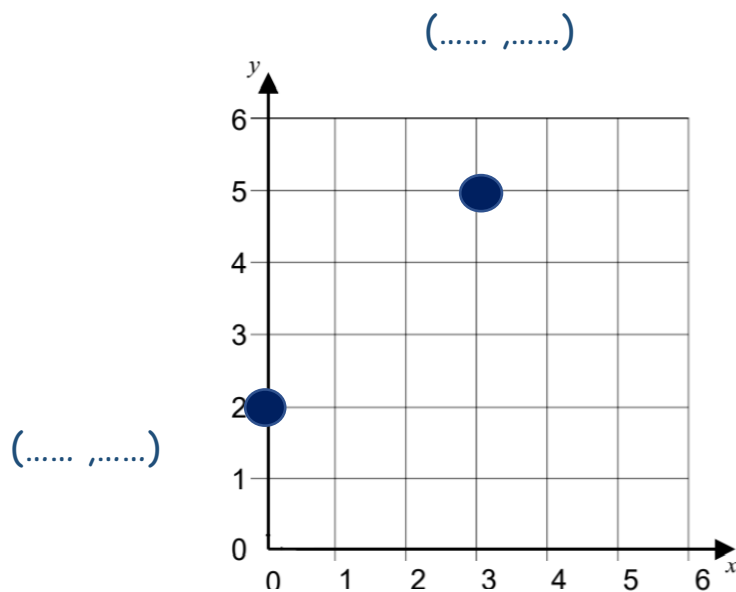


16. Look at the lines below.

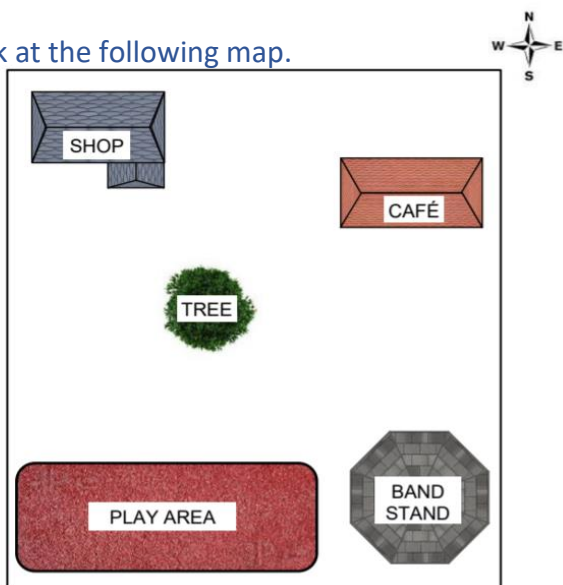


Which line is vertical?
Which two lines are parallel? and

17. Write down the coordinates for the points on the grid which has been marked.



18. Look at the following map.



What is North West of the tree?.....
Where is the bandstand **from** the café?.....

Maths – times of the year

Look at the pictures. In which month do these usually happen?

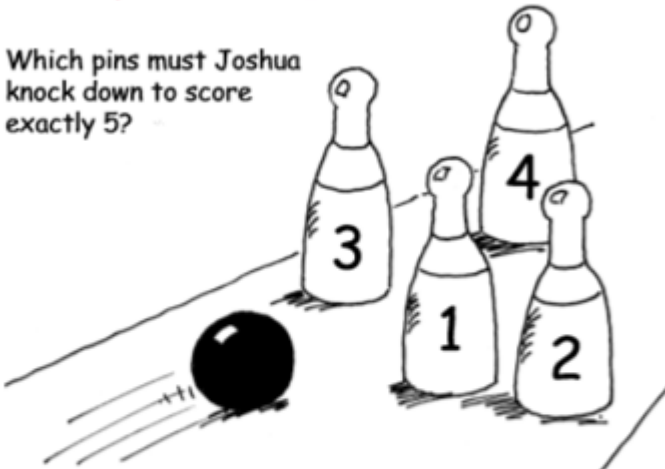
Month	Things that usually happen during this month
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

 Christmas	 Valentine's Day	 Hallowe'en	 Wimbledon
 New Year	 Pancake Day	 holidays	 Fireworks Night
 End of school year	 Easter	 May Day	 Back to school

Maths – Problems and Puzzles

Four-pin bowling

Which pins must Joshua knock down to score exactly 5?



Find 2 different ways:

- to score 5
- to score 6
- to score 7

Gob-stopper

Jade bought a gob-stopper.
It cost 6p.

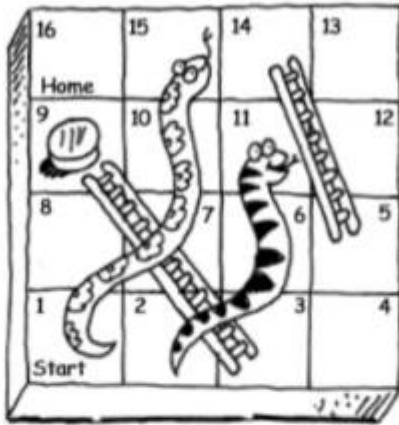


She paid for it exactly.
Which coins did she use?

There are 5 different ways to do it.
Find as many as you can.

What if the gob-stopper cost 7p?

Snakes and ladders



Your counter is on 9.

You roll a 1 to 6 dice.

After two moves you land on 16.

Find all the different ways you can do it.

Now think of other questions you could ask.

Bean-bag buckets

Dan threw 3 bean-bags.

Each bag went in a bucket.

More than one bag can go in a bucket.



1. What is the highest score Dan can get?
2. Find three ways to score 6.
3. Find three ways to score 9.
4. What other scores can Dan get?

Sum up

Choose from these four cards.



Make these totals:

- 9
- 10
- 11
- 12
- 13
- 14
- 15

What other totals can you make from the cards?

Monster

Alesha bought a monster using only silver coins.
It cost her 45p.



There are nine different ways to pay 45p exactly
using only silver coins.
Find as many as you can.

What if the monster cost 50p?
How many different ways are there to pay now?