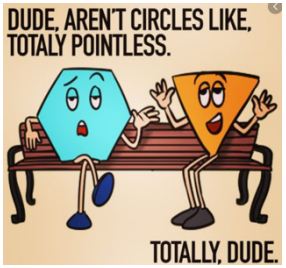


MATHS AT MOOR PARK

1 How many handles?

Count all of the door handles in your house.

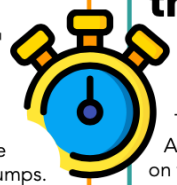
What fraction of the handles have locks?

2 Odd socks

Take three different pairs of socks (6 socks in total).

How many new pairs of socks can you make from the 6 socks you have?

3 Stop the clock star jumps



Use a stopwatch to time yourself doing 15 star jumps. Have five attempts and record the times.
What was the fastest time?

What was the difference between the fastest and slowest time?

4 How long?

Estimate the length of a room in your house.

Now measure it.

How close were you?

5 Always read the label!

Take a box/packet of food. Add up every number on the packet.

Check your answer with a calculator!

6 Find the area

Measure the area of the smallest and largest rooms in your house.

Smallest

Largest

What is the difference between your answers?

7 Count and multiply

Count each of the following in your house: chairs, doors, cupboards, windows, pillows, spoons, clocks and shoes.
Now multiply the following pairs together.
Before you begin counting - which calculation do you think will have the largest total?

Chairs x Doors

Cupboards x Windows

Pillows x Spoons

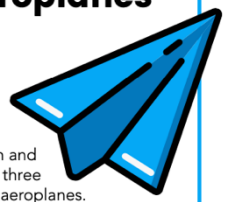
Clocks x Shoes

8 Prime number hunt

How many prime numbers are written around your house?

What is the largest prime number you can find?

9 Paper aeroplanes



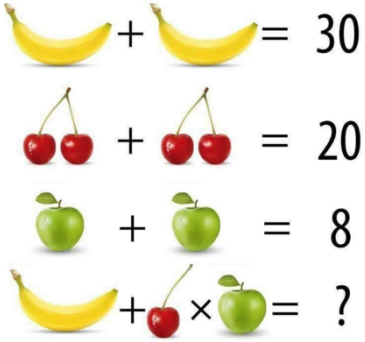
Design and create three paper aeroplanes.
Record the distance each plane flies and see which one flies the furthest.

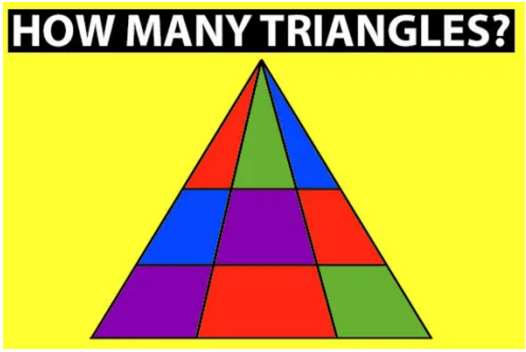
Plane 1

Plane 2

Plane 3

What was the difference in cm between the three distances?



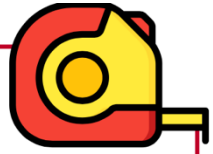


MATHS AT MOOR PARK

Why didn't the two 4's feel like dinner?
Because they already 8.

Why didn't the two 4's feel like dinner?
Because they already 8.

1 Estimate & measure



Find 5 items that are under 30cm. Estimate their length.

Now measure them with a ruler. How close were you?

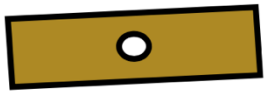
2 3D shapes

Can you find any of the following 3D shapes around your house?

Cuboid, cylinder, pyramid, cone, sphere.

Which do you have the most of?

3 Count and multiply



Guess how many cupboards and drawers you have in one room of your house.

Now go and count them!

Multiply the two numbers together!

Now visit other rooms. Which room gives you the highest total?

4 Symmetry

Make a symmetrical shape out of items around your house.

5 Roman numeral sticks

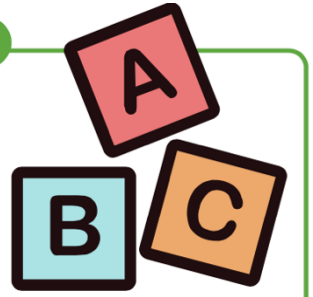
Using spaghetti or pencils or lolly sticks can you make all of the numbers from 1 to 50?

6 Stop the clock burpees

Use a stopwatch to time yourself doing 10 burpees. Have five attempts and record the times.
What was the fastest time?

What was the difference between the fastest and slowest time?

7



5 minutes to find as many items as possible that begin with the letter **A**

5 minutes to find as many items as possible that begin with the letter **B**

5 minutes to find as many items as possible that begin with the letter **C**

How many items did you find in total?

Which letter of the alphabet do you think would give you the most items?

8 Parallel and Perpendicular

Are you able to find 5 examples of parallel lines and 5 examples of perpendicular lines in your house?

9 How many handles?

Count all of the handles in each room of the house.

Plot a bar chart to show which room has the most handles.