

Maths Challenge

Can you sort the cutlery in your house into different sets?

How did you do it?



1

Maths Challenge

Can you add up the numbers on a car registration plate?



Practise writing these numbers at home.

2

Maths Challenge

Can you find 4 different sized shoes in your house and put them in order of size?

What else can you find to order the length?



3

Maths Challenge

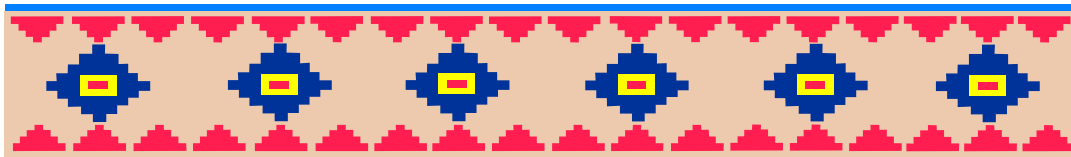
Find a pattern in your house, e.g. wallpaper, tiles, on the duvet.

Can you describe it?

(It could be squares/circles....)

See if you can draw your own pattern.

4



Maths Challenge

Can you make a repeating pattern using forks and spoons?



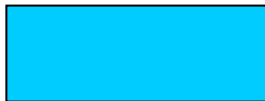
5

Maths Challenge

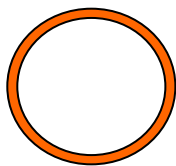
Can you find something that is a square shape in your house?



Can you find something that is a rectangular shape in your house?



Can you find something that is a circular shape in your house?



6

Maths Challenge

How long does it take to have a bath?

How did you work it out?



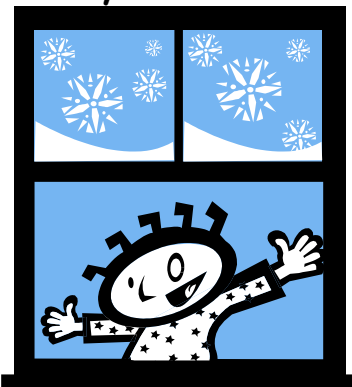
7

Maths Challenge

Are you taller or shorter than a door?

Are you taller or shorter than an armchair?

Are you taller or shorter than a table?



8

Maths Challenge

Who has the biggest hands in your family?

How can you tell?



9

Maths Challenge

How wide is your bed?

How long is your bed?

How can you find out?

Practise writing these numbers at home.



10

Maths Challenge

Who is the tallest person in your house?

Who is the shortest person in your house?

How did you measure them?



11

Maths Challenge

Do 10 jumps in each room of your house. Count each jump to make sure you do 10.

Practise writing number 10 at home.

How many jumps did you do altogether?



12

Maths Challenge

Ask your grown up if you can count the coins they have got?

How many are 10p coins?

How many are 2p coins?

Can you add any of the coins together?



13

Maths Challenge

What numbers can you see in the registration plate of your car?

Which is the smallest number? Which is the largest number?

Practise writing these numbers at home.



14

Maths Challenge

Do you have a clock in your house?

What is the biggest number you can read on the clock?

What would be the next number?

Can you read the o'clock time?

Practise writing all the numbers that are on the clock.



15

Maths Challenge

Can you find any numbers in your house?

Practise writing these numbers at home.



16

Maths Challenge

Count how many drawers there are in your whole house.

Practise writing these numbers at home.



17

Maths Challenge

How many windows are in your house?

How many are upstairs?

How many are downstairs?

Practise writing these numbers at home.



18

Maths Challenge

How many footsteps from:

Your house to the bottom of your garden?

Your front door to your bedroom?

Your kitchen to your bathroom?

What happens to the number if you take bigger steps?

Practise writing these numbers at home.



19

Maths Challenge

Do you have a calendar in your house?

How many months are there in a year?

Can you say what month your birthday is?



20

Maths Challenge

What numbers are in your phone number?

Which is the biggest number?

Can you put them in order from smallest to biggest?

Practise writing these numbers at home.



21

Maths Challenge

Look at the numbers on a number plate.

Can you say the number that is 1 more than each of the numbers?

Can you say the number that is 1 less than any of the numbers?

Practise writing the number sentence at home.



22

Maths Challenge

How many strides is it to walk all the way around your garden?

Practise writing these numbers at home.



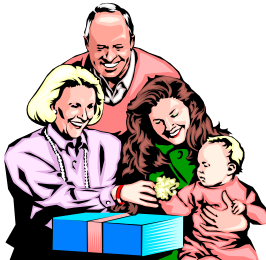
23

Maths Challenge

Who are the oldest and youngest people in your family?

How old are they?

Practise writing these numbers at home.



24

Maths Challenge

How many chairs are in your house?

How many televisions are in your house?

Can you add the two numbers together?

Practise writing these numbers at home.

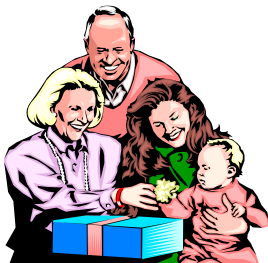


25

Maths Challenge

Ask your grown up for their keys. Count the keys on the key ring.

Practise writing these numbers at home.



26

Maths Challenge

Find a pair of socks for everyone in your house?

How many socks do you have altogether?

Practise writing these numbers at home.



27

Maths Challenge

Find 5 pairs of socks. Hide 4 socks how many are left?

Practise writing the number sentence.



28

Maths Challenge

Look at one of your books. Can you find and read the numbers that are on each page?

Which is the biggest number?

Which is the smallest number?

Practise writing these numbers at home.



29

Maths Challenge

Hide your teddy. Use words to describe where teddy is hidden, e.g. behind, on top, underneath, in, between.



30

Maths Challenge

Ask your grown up to blind fold you. Listen to their instructions and see where you end up!



31

Maths Challenge

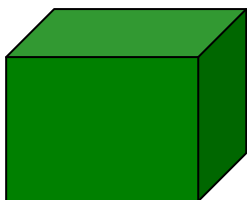
Walk around your house. How many shapes can you see?

Can you find a cube?

Can you find a sphere?

Can you find a cuboid?

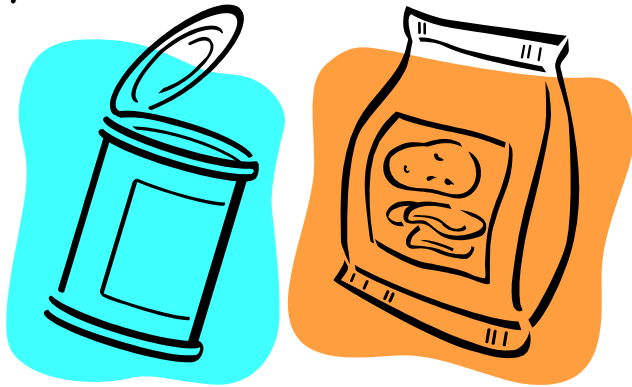
Can you find a cylinder?



32

Maths Challenge

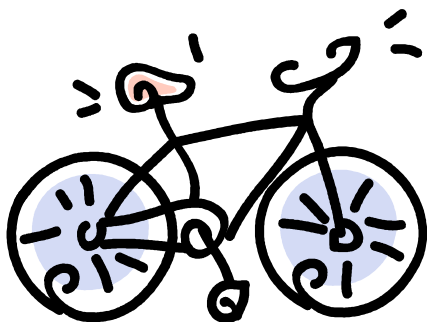
Look in your food cupboard. What is the heaviest food? Which is the lightest? How do you know?



33

Maths Challenge

Which is heavier?
A teddy or a can of food?
A chair or a toothbrush?
A cushion or a bike?



34

Maths Challenge

Which is lighter?

A spoon or table?

A handful of grass or a bunch of bananas?

Your biggest toy or your smallest toy?



35

Maths Challenge

Count how many trees are on your street.

Count how many cars are on your street.

Can you add these two numbers together?

Practise writing these numbers at home.



36

Maths Challenge

What is the biggest number you can think of?
What is the smallest number you can think of?
Practise writing these numbers at home.



Maths Challenge

On your way to school what numbers do you see?

How many of the numbers can you write down?



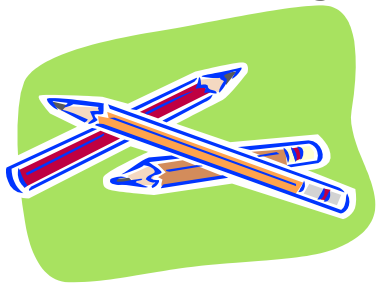
38

Maths Challenge

Can you write numbers from 0 to 20?

Can you find twenty things to count in your house?

Practise writing these numbers at home.



39

Maths Challenge

Can you find a number in your house?

Can you add 1 more?

Can you find 1 less?



40

Maths Challenge

Can you find?

1 toothbrush

2 spoons

3 pegs

4 socks

5 shoes

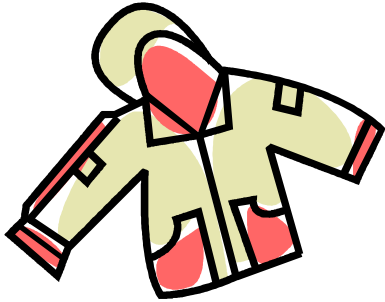


41

Maths Challenge

Can you get dressed before your grown up counts to 20?

Can you do your coat up before your grown up counts to 5?



42

Maths Challenge

On a shopping trip to the local supermarket ask your child questions such as:

How many different pieces of fruit can you see?

How many are the same colour?



Maths Challenge

Can you sing the doubling song 'The ant's went marching 2 add 2, that's 4'?

$$2+2=4$$

$$3+3=6$$

44

Maths Challenge Cards

The maths challenge cards are short activity ideas that can fit into your day and will help your child see maths as fun. The cards relate to the different strands of the area of learning called '*Mathematical Development*'

You can repeat each activity as many times as your child wants to. Feel free to change the ideas to suit your child's interests, what you have in your house and their current level of development. If your child wants to represent their thinking on paper let them do so in their own way. For example they might not want to write numbers, but they might want to draw to communicate their mathematical thinking.

We encourage you to share any ideas you have for maths challenges so that our collection of cards can grow and we can learn from one another.

Please share with us the work your child has done at home or complete a 'WOW' sheet.