

1

### Angle search

Search your house for examples of different types of angle.

Can you find an acute angle, an obtuse angle, a right angle and a reflex angle?



2

### Light bulbs and switches

Estimate how many light bulbs are in your house.

Estimate how many light switches are in your house.

Now go and find out how many there are.

Multiply your two numbers together.

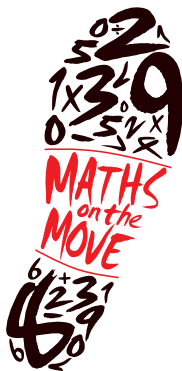
3

### Capacity

Find three bottles that contain liquid (e.g. milk or juice). Look for the amount of liquid in a full bottle and add all three up. Write the amount in...

Mililitres (ml)

Litres (l)



# HOME Challenge Sheet

## Year 5 and 6



4

### 6 on the bounce!

6 12



Bounce a ball on the floor and every time it hits the floor add 6 to your score.

Challenge - ask an adult to give you a random number between 1 and 20 to start on!

6

### Lengths

Measure the length of the largest room in your house.

How many lengths would you have to run to cover 100m? What about 400m?



7

### TV Times

Choose a channel and find the longest programme of the day.

Write down the length in minutes.

Find the shortest programme of the day.

What is the difference between the longest and shortest programmes?

5

### 20:20:20

Count how many star jumps you can complete in 20 seconds.

Have 20 seconds rest.

Count how many burpees you can complete in 20 seconds.

Multiply the 2 together and see what score you get.

Try again!

Can you beat your score?



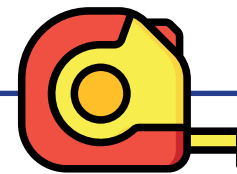
8

### Mean Long Jump

Place a marker on the floor.

Stand behind the marker and taking off with both feet see how far you can jump. Have 3 attempts.

Add up your 3 distances and divide by 3 to find your mean distance.



9

### Letter values

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

If each letter is given a value as shown, can you find objects in your house that score different points by adding the letter values together?

For example: CUP = 3 + 21 + 16 = 40 points

Between 30 and 40 points?

Between 60 and 70 points?

Exactly 100 points?

Over 150 points?

10

### Maths on the Move number trail

Download and cut out the question cards and follow the answers around the house. [Download.](#)