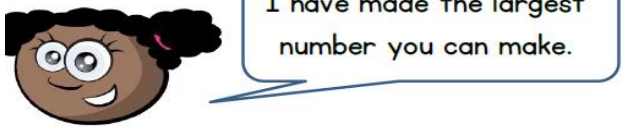
Helping your child with Maths at home

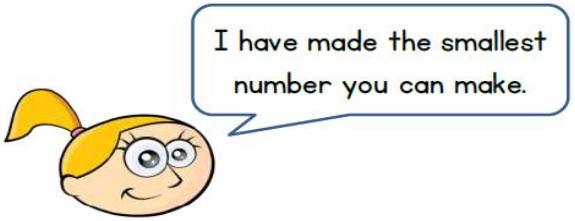
Maths mastery is deepening your child's understanding of mathematical concepts, not accelerated learning. To help them do this, it is important for children to explore maths in different ways. This can include applying their knowledge to a range of questions and tasks, visualising concepts and seeing them in real life, purposeful situations.

Here are some digit cards.

Meg and Sam each use two of the cards to make a number.

What is the difference between their two numbers?

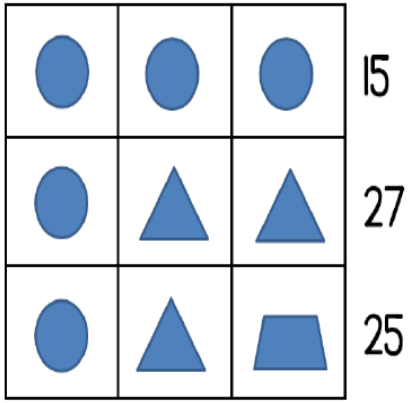




In this diagram shapes represent numbers.

The sum of each row is shown at the side.

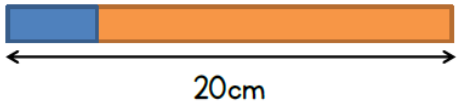
Find the value of each shape.



Here is a blue strip of paper.

An orange strip of paper is four times as long.

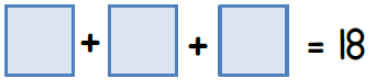
The strips are joined end to end.

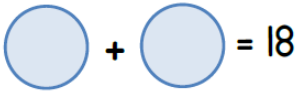


How long is the blue strip?

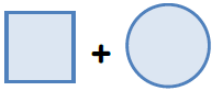
How long is the orange strip?

If

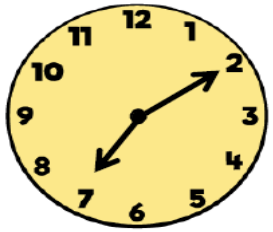




Work out

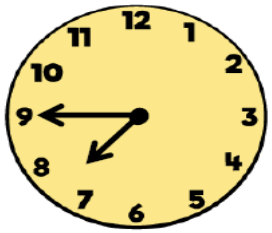


A TV show starts at this time.



The TV show lasts 45 minutes.

Maria looks at the clock during the show.

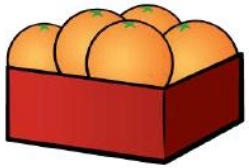


How many more minutes does the TV show last?

Des has some oranges.

He packs them into boxes.

Each box holds 5 oranges.



He fills 7 boxes.

He has 29 oranges left.

How many oranges does he have in total?

How many dwarves have green hats?

What shapes can you spot in the picture?

Multiply the number of legs on the stool by 5.

If you add 3 to the number of dwarves, what number do you get?

13

How many ways can you make 13?

Step 1 – use only addition (+)

Step 2 – you can use + or -

Step 3 – you can multiply (x)

Step 4 – you can use division (÷)

Useful websites

https://nrich.maths.org/9084

https://mathsbot.com/

https://www.transum.org/Software/SW/Starter_of_the_day/

https://nzmaths.co.nz/problem-solving