

Task 1

Game 1 - Odd or Even

Write a number on your child's whiteboard and get them to say whether the number is odd or even.

Remember to ask your child how they know. Numbers with any of these digits in the ones column 1,3,5,7 and 9 are odd and numbers with these digits 2, 4, 6, 8, 0 in the ones column are even.

Game 2 – Number Bonds

Show your child a number e.g. 5. Encourage them to tell you the number bond that makes 10, this would be 5. Repeat with other numbers and challenge your child to shout out the number bond as fast as they can. If they need support encourage them to use their fingers and count on from the number you have given them. You can challenge your child by identifying number bonds to 20.

Online games

Place Value Basketball - <https://www.topmarks.co.uk/learning-to-count/place-value-basketball>

Number Bonds to 10/20 - <https://www.topmarks.co.uk/maths-games/hit-the-button>

Task 2 Partition a number (practically)

It is really important that your child understands what a number is made up of or the value of each digit. We start off by identifying that a number is made up of tens and ones e.g. 34 is 3 tens and 4 ones.

Try and partition the numbers below:

15

45

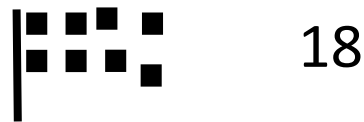
87

Use a resource to help your child. You could use Lego, pencil crayons or anything else you may have in the house. Let's look at 15. Get your child to get 15 pieces of lego, or whatever you are using. Ask your child to partition the number into tens and ones e.g. stack 10 lego pieces together, that's your 1 ten and then have 5 lego pieces separate and that's your 5 ones.

Task 3 - Partitioning a number

Today we are going to be building on what we learnt yesterday. We would like you to draw base ten to represent a range of numbers.

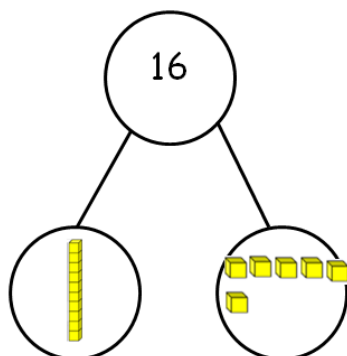
Example,



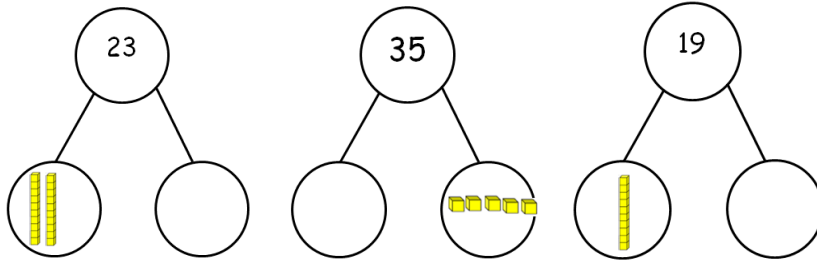
Repeat using any 2 digit numbers of your choice.

Task 4 – Place Value Problem Solving

Today is going to involve lots of whiteboard work using the part part whole model. The idea of the part part whole is that the two parts add up to make the whole (example below). Practise completing examples of these with your child on their whiteboard, or a piece of paper.



Challenges:



Now can you have a go at your own with other numbers?

More examples and guidance on these can be found on *The White Rose Hub* (link below).

<https://wrm-13b48.kxcdn.com/wp-content/uploads/2019/SoLs/Primary/Autumn2019-20/Year-1-Autumn-Block-4-Number-Place-Value.pdf>

Task 5 – Place Value Reasoning Day

The idea is that you spend time talking to your child about the problem and possible ways in which the problem can be solved. Time spent verbalising understanding is one of the most effective ways to develop a child's understanding.

How many ways can you complete the part-whole model to show numbers up to 20, using the Base 10 equipment - you do not have to use it all.

Alex makes a part-whole model.

She says:

Explain her mistake.
What is her number?

Dora and Amir both try to build the same number.

Who is correct?
Can you explain the mistake that has been made?