

Extra maths/ tricky challenges



Have a go at this online game for numbers. Hint: It is the same as jottings, line for 10 and dots for ones:

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

Find half



Provide 2 teddies and plates and a selection of items for halving. Ask the children to explore which quantities will halve exactly into 2 equal groups and which will have one left over.

If you have 6, can you give both teddies the same?

What about if you start with 5?

Is this an even number or an odd number?

How do you know?

Encourage the children to draw pictures to record their findings.

Make equal groups

This time keep 12 items to share each time but vary the number of teddies and plates.

Ask the children to explore sharing the 12 items into equal groups so that each teddy gets the same.

If there are 2 teddies will they each get the same?

How many are in each group?

Are there any items left over?

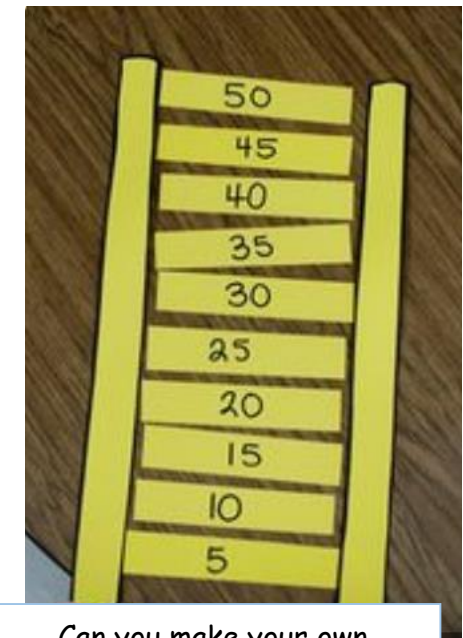
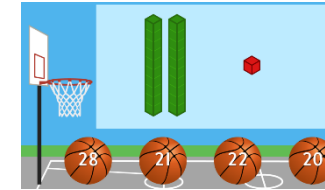
What about 3 teddies? 4 teddies? 5 teddies? 6 teddies?



Have a go at the estimations PowerPoint on the website. Are you good at estimating the amount?

Using a deck of cards, pick out some random numbers. Have a go at adding the two numbers up, or subtract the smallest number from the biggest.

You could pick out some numbers and practice doubling and halving those numbers. How quick can you do it?



Can you make your own counting in 5's ladder, try it with 10's and 2's too. What is the highest number you can count to?

Doubling and Halving



55. There are 30 shells in a box. Half of them are orange. **How many of them are orange?**



Have a go at some of the blue challenge cards for halving on the school website.