How to help your child with Maths in Reception

Early Years framework

- Understand and apply the concepts of:
  - Counting
  - Subitising
  - Composition and partitioning
  - Cardinality

- Have automatic recall of number bonds within 10

- Language

The 2 types of counting

Stable order

One to one correspondence

With objects:

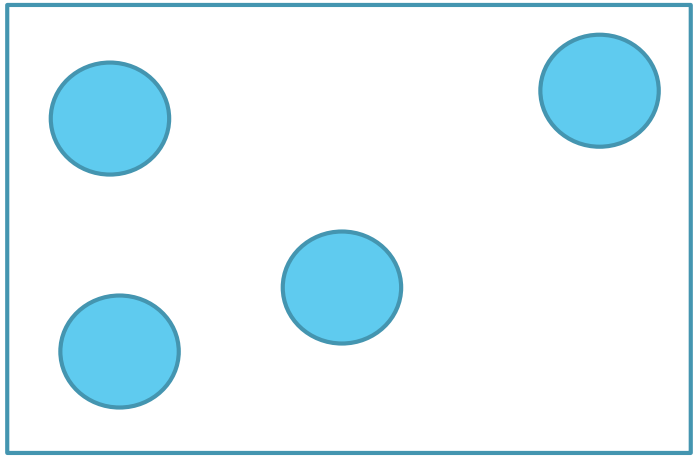
- Line them up
- Move as they count

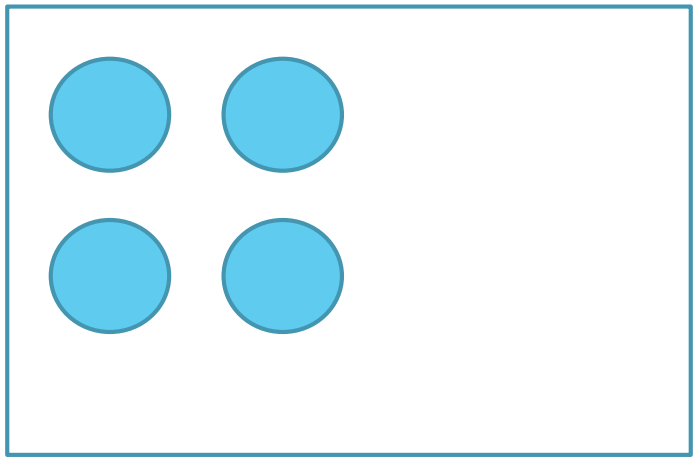
Can be abstract:

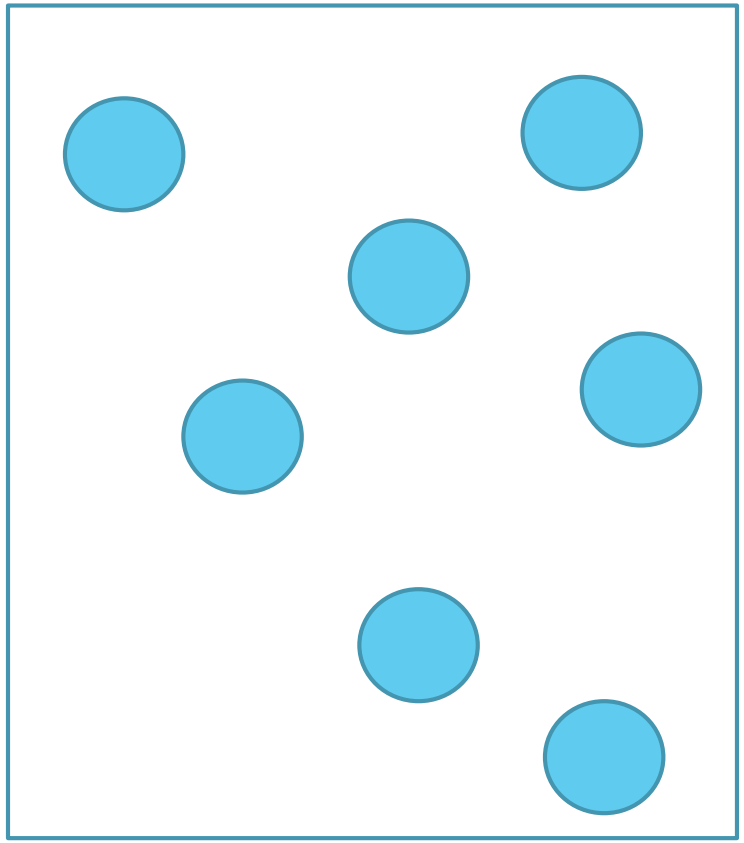
- Stop and go with actions/sounds
- Encourage visualising

Subitising

The ability to look at a small number of objects and instantly recognise how many objects there are without needing to count.

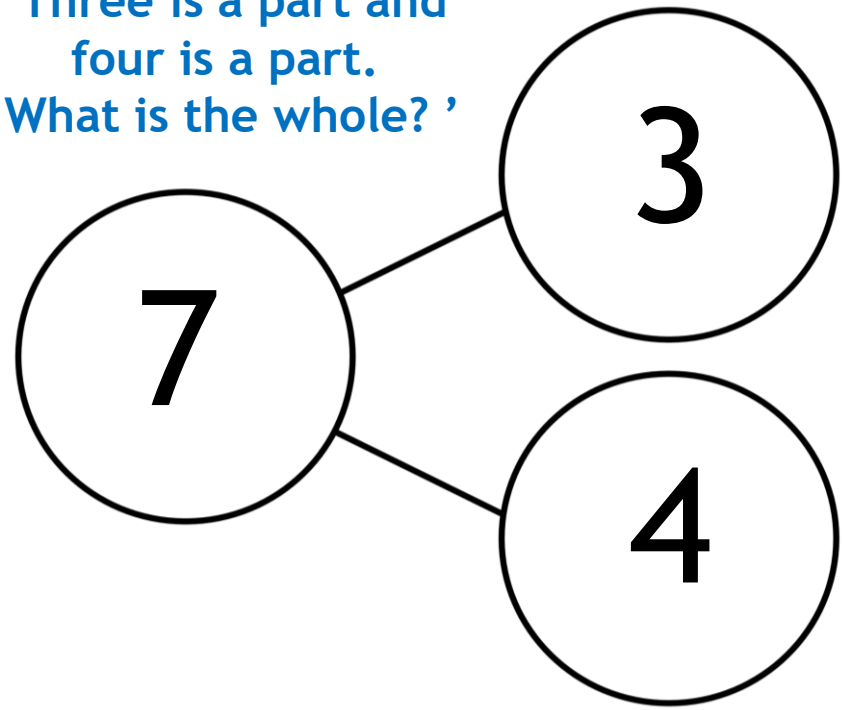




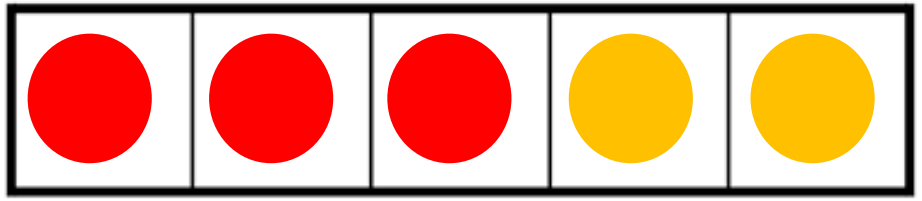


Composition / partitioning

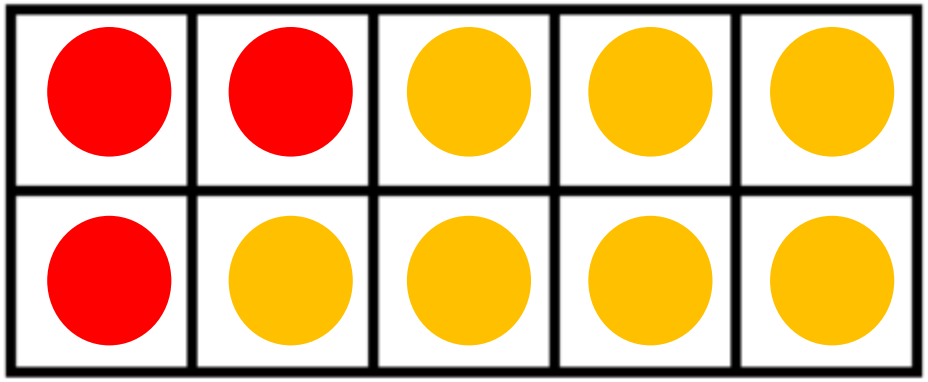
‘Three is a part and four is a part. What is the whole? ’



‘How many red dots?
How many yellow dots?
How many altogether?
So, five is the whole.
Two is a part and three is a part.’

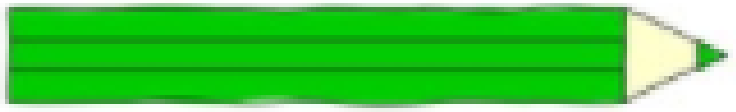


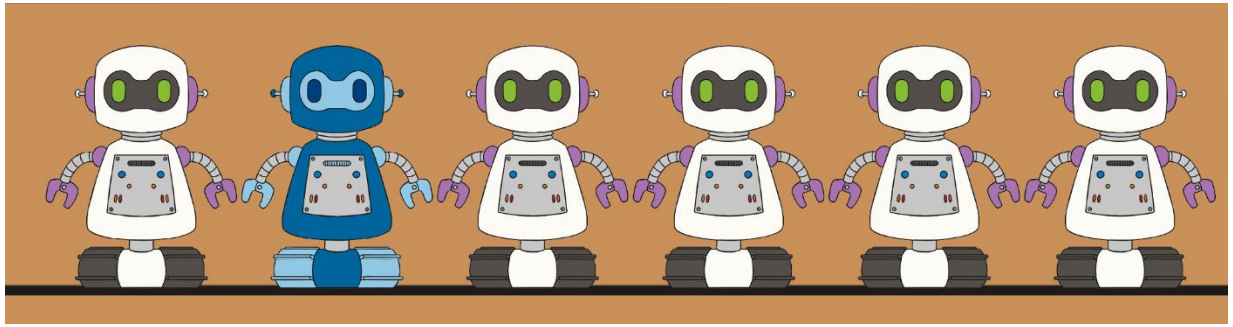
‘Ten is the whole.
Seven is a part and _____ is a part.’



Comparing

‘What is the same? What is different?’

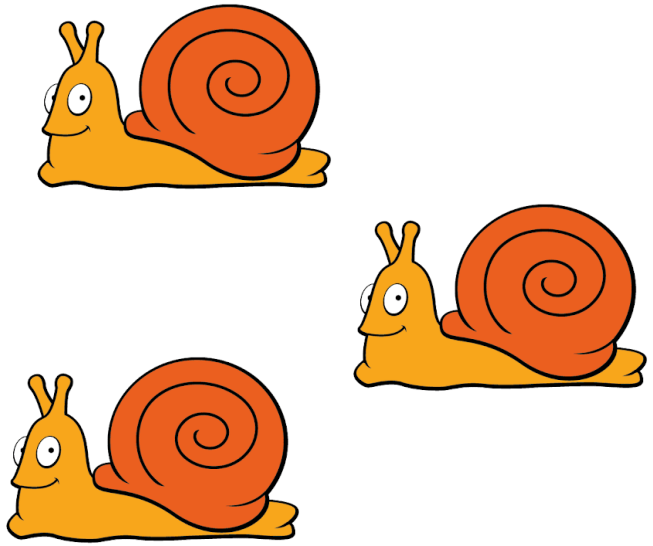




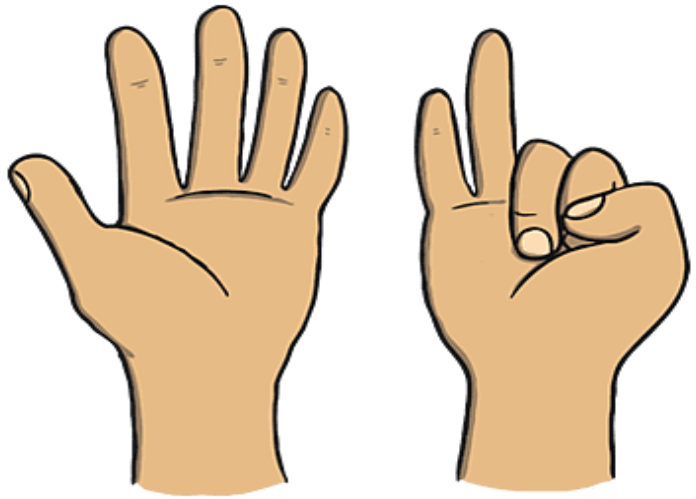
Most
Least
Fewer
Taller
Shorter
Heavier
Lighter
Full
Empty
Bigger
Smaller

Cardinality – the ‘threeness of three!’

The cardinal value of a number refers to the quantity of things it represents.

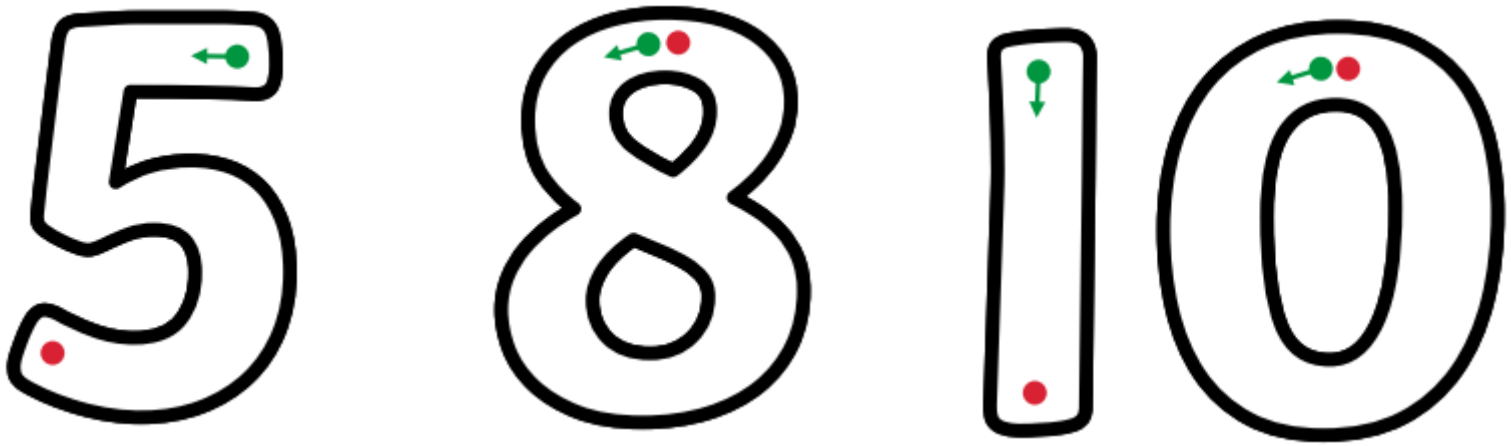


5 + 2 =

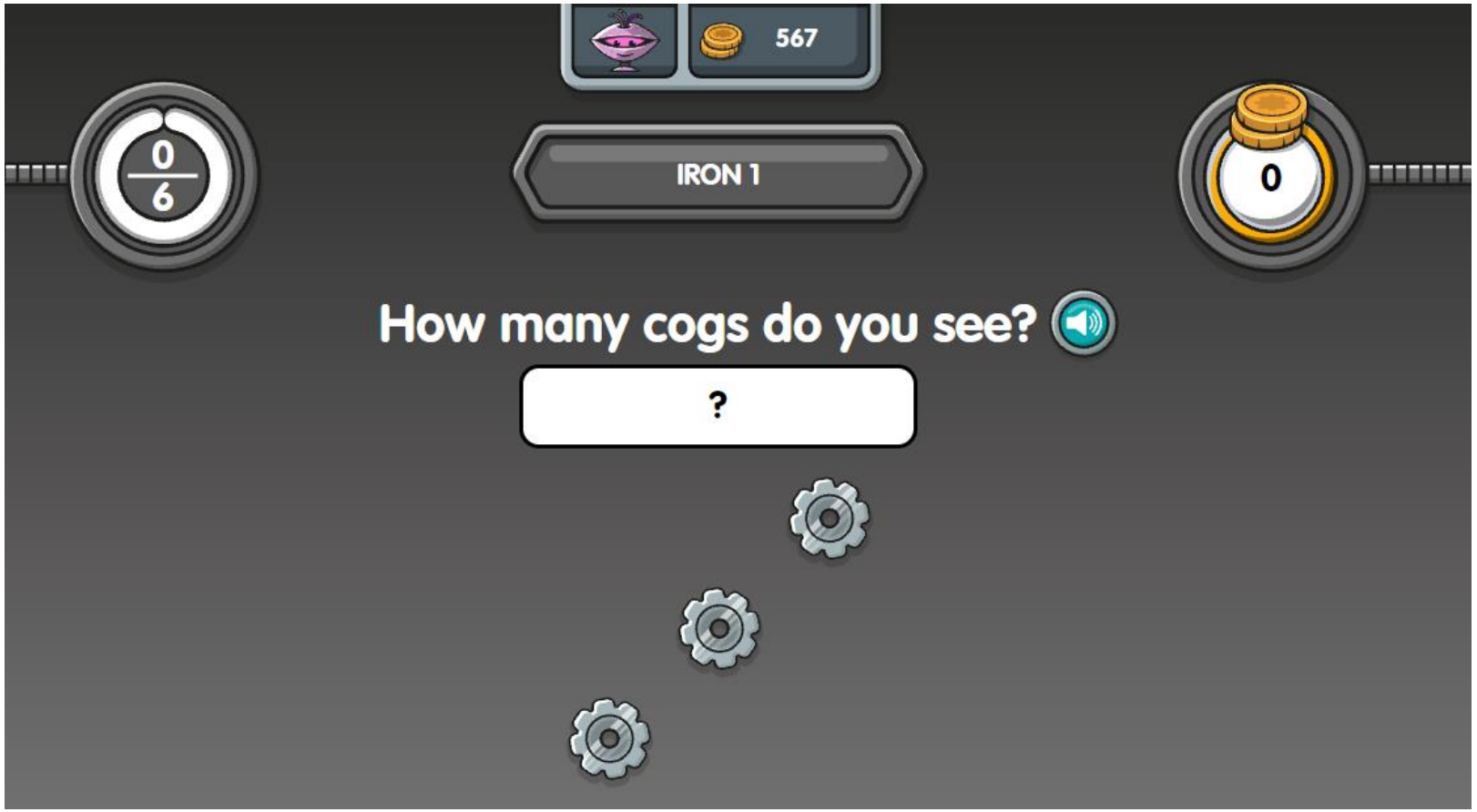


Linking to the numeral

Writing numbers



Not in my day!!



https://play.numbots.com/