



KS1 Practical Maths

Got it!

The first person chooses a whole number between 1 and 4. Next player chooses to add 1, 2, 3, 4 to that first number. Keep taking turns until the winner gets to 15.



How children learn

Children in the early years develop key concepts in maths through maths talk, practising the skills they've learned during play, and developing number sense. The key to developing skills is to keep the **activities fun** and part of daily routines.

Maths manipulatives and hands on concrete resources have always been key features of lessons in the Early Years, Foundation Stage and Key Stage 1 classrooms and seen as the best ways to teach mathematical concepts.



How children learn

There is not just one practical resource that can be used to support their learning and objects can be varied:

School equipment can include: Numicon, bead strings, Dienes blocks, place value counters

but there are many alternatives:

Lego, straws, mini pom-poms, beads, bottle tops

...the list goes on!

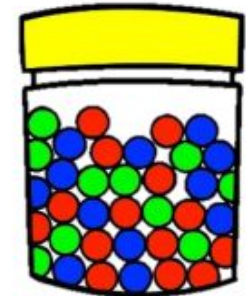
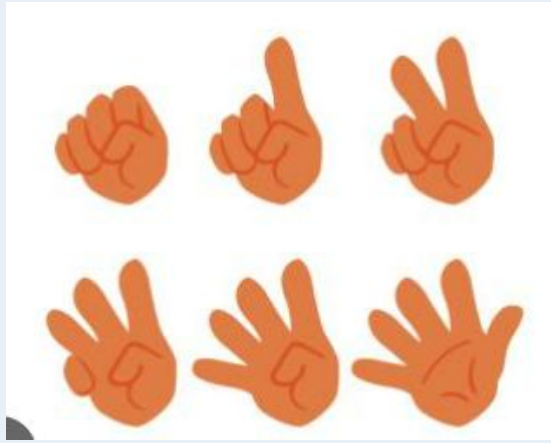




Counting

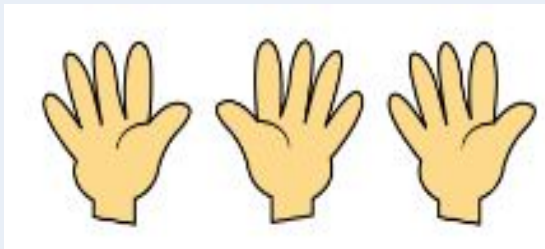
1	2	3	4	5	6	7	8	9	10
one	two	three	four	five	six	seven	eight	nine	ten

- Saying numbers in correct order
- Forwards/backwards from any number
- Counting objects 1:1 (cardinality)
- Counting abstract ideas (skips, days of week)
- Skip Counting (2s, 5s and 10s)

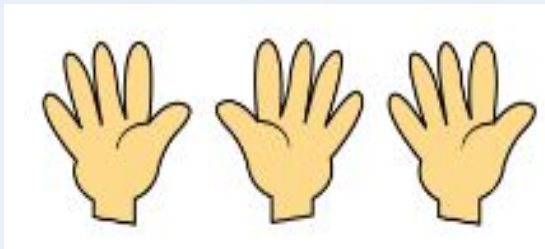


10	20	30	40	50
60	70	80	90	100

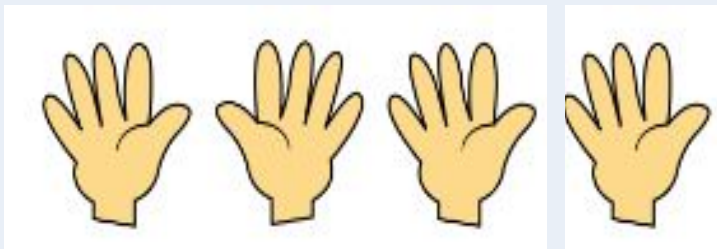
My turn:



5 10 15

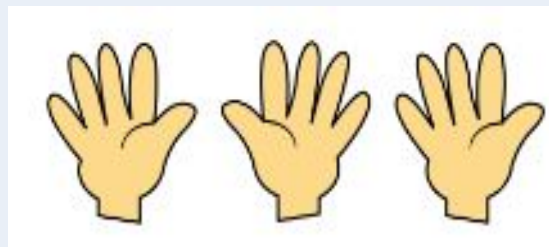


20 25 30

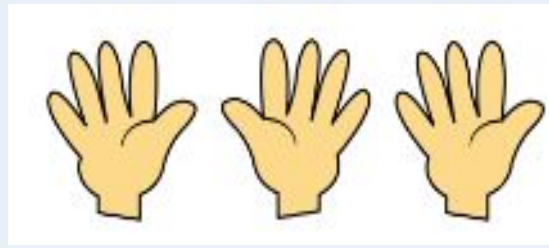


35 40 45 ?

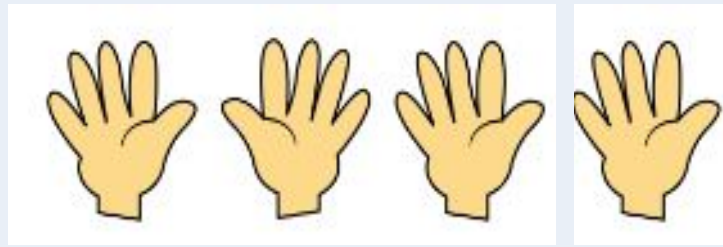
Our turn:



5 10 15

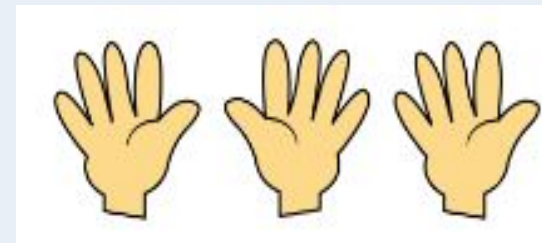


20 25 30



35 40 45 ?

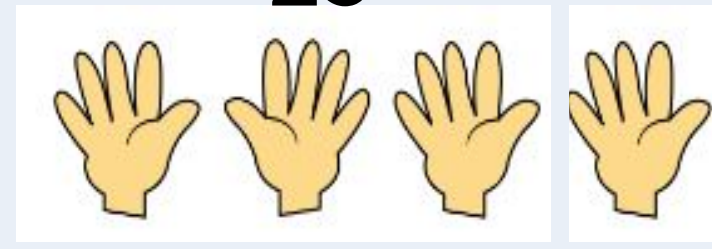
Your turn:



5 10 15



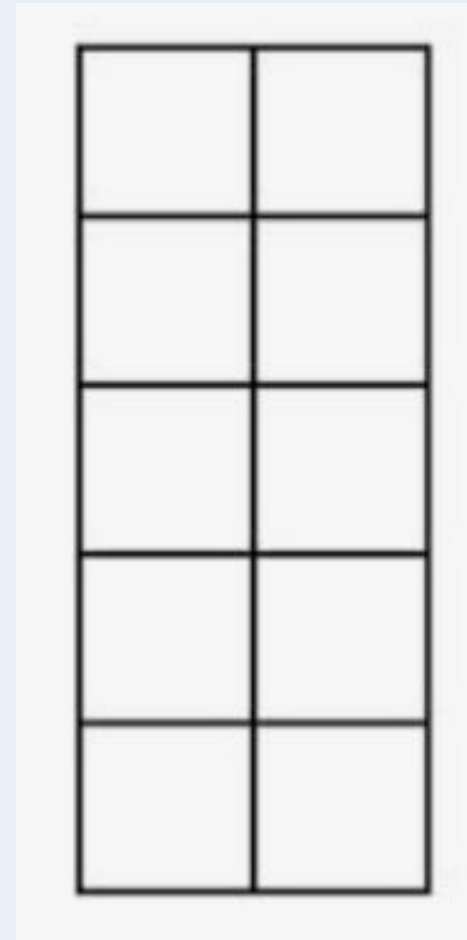
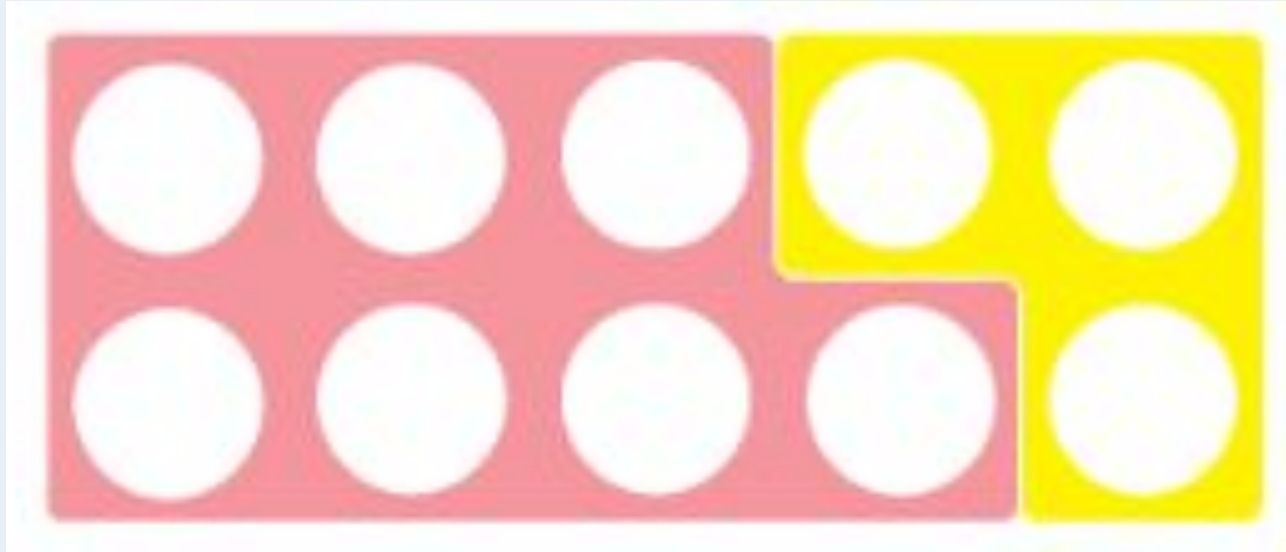
20 25 30



35 40 45 ?



Numicon

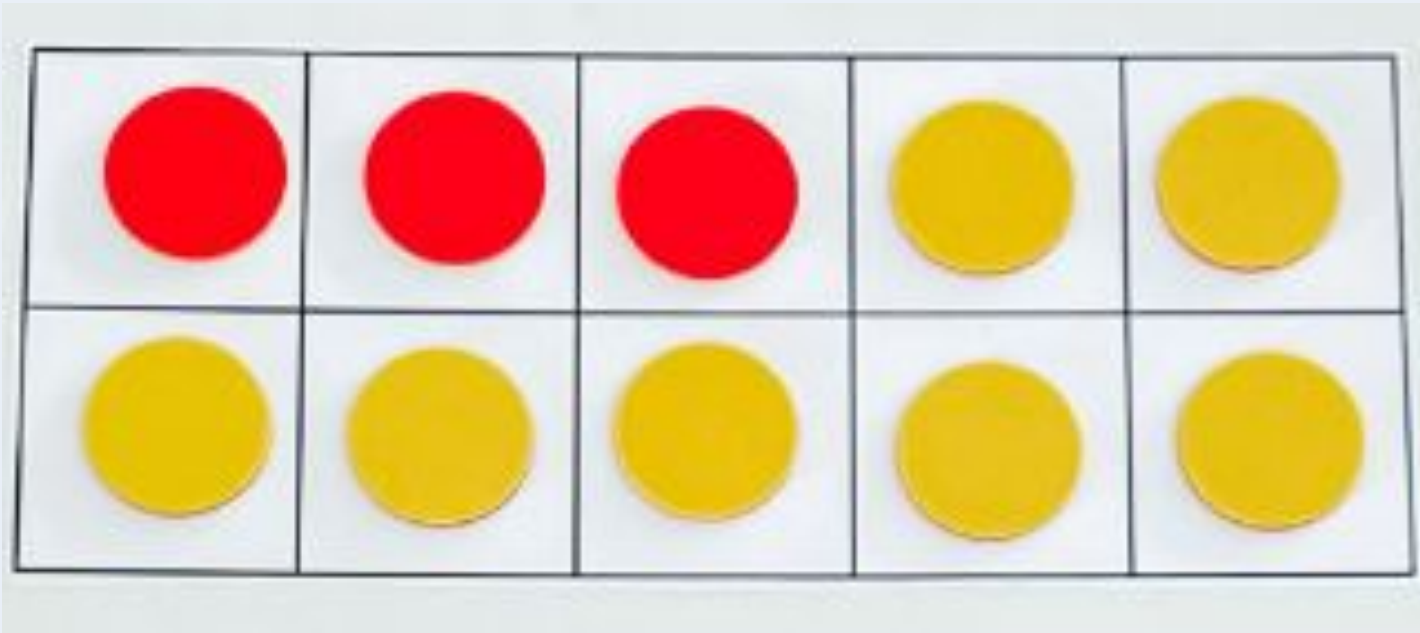




Counters

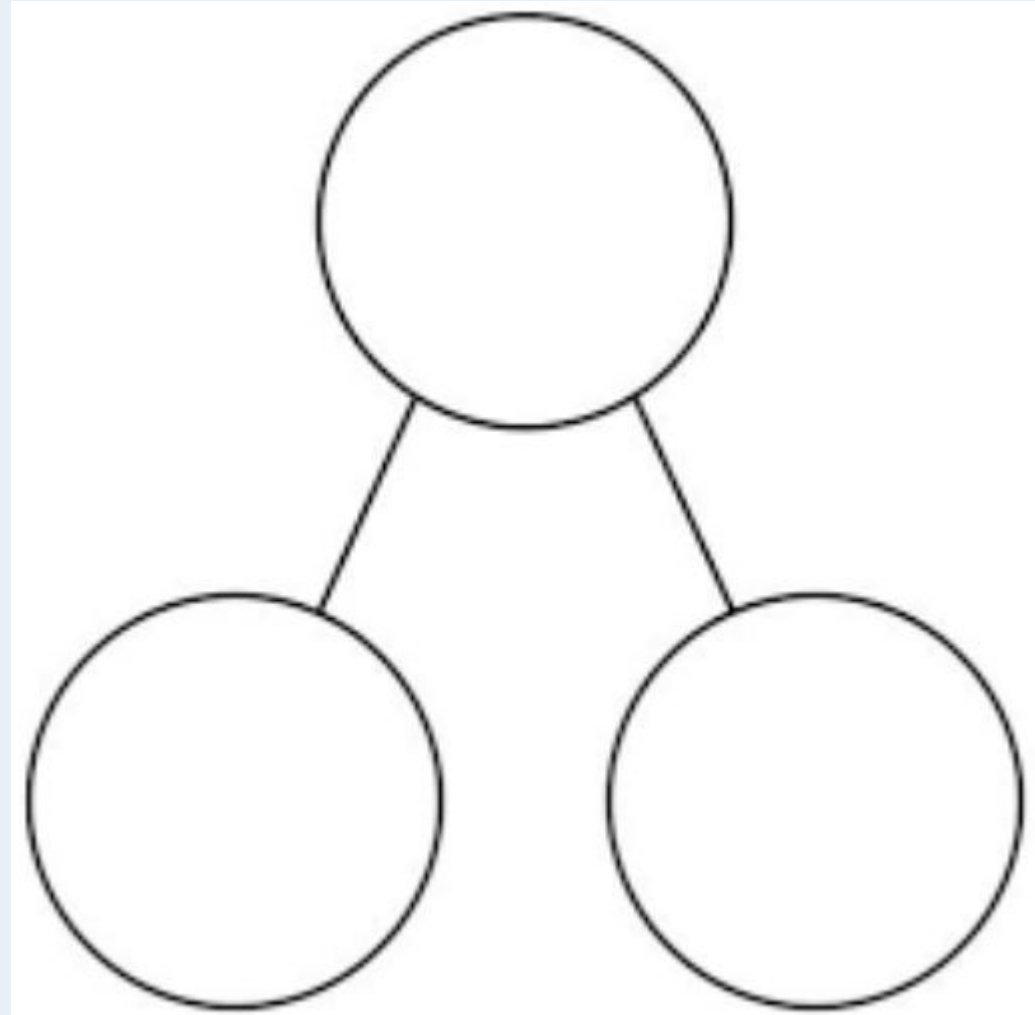
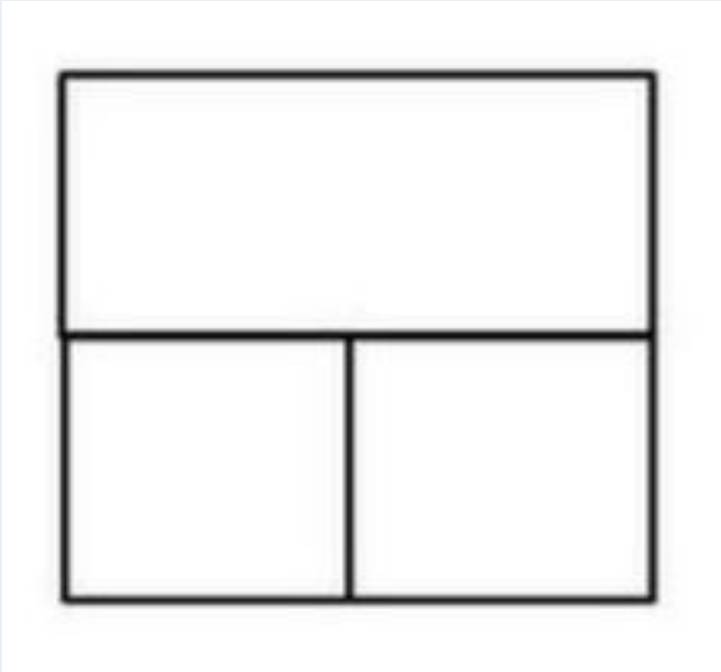


Variation:



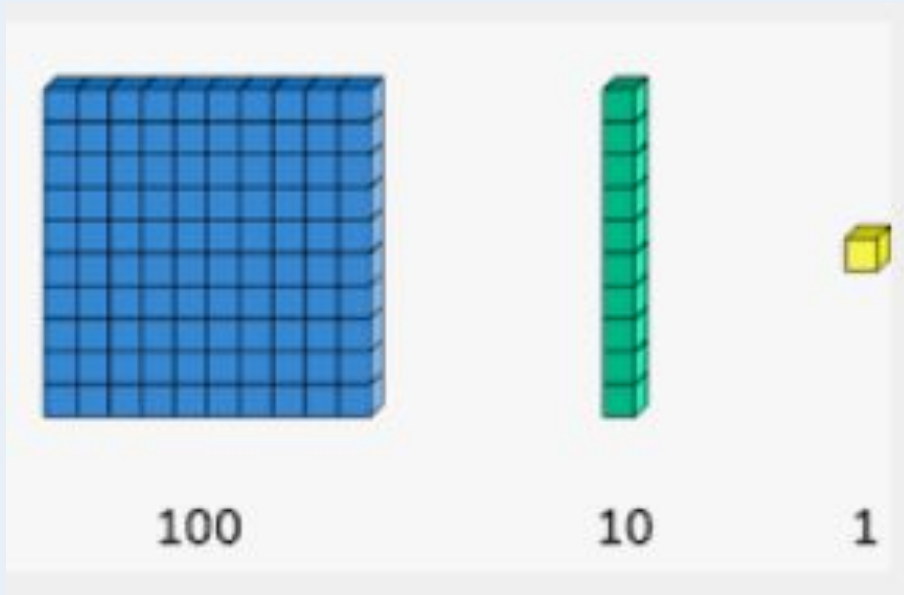
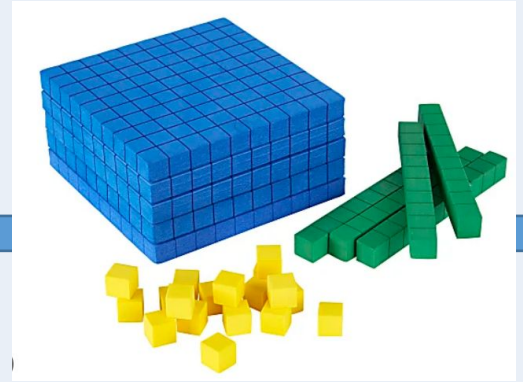





Part and Whole





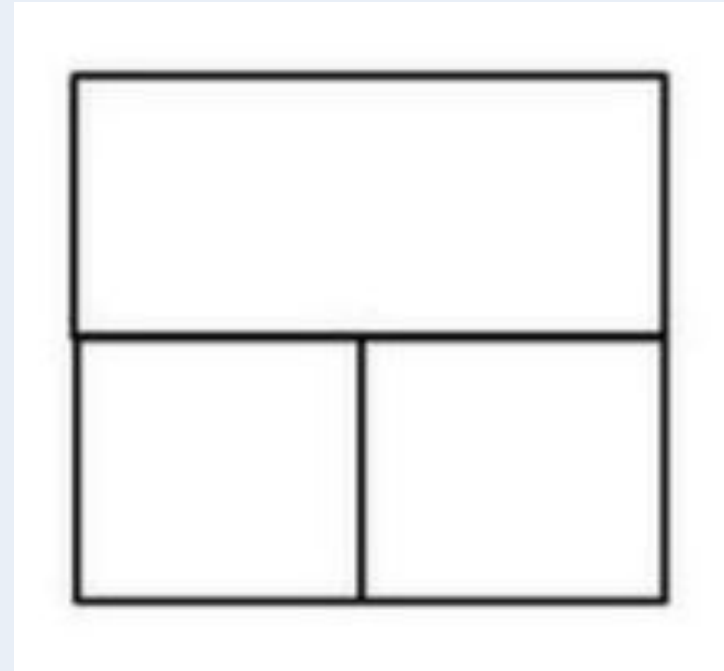
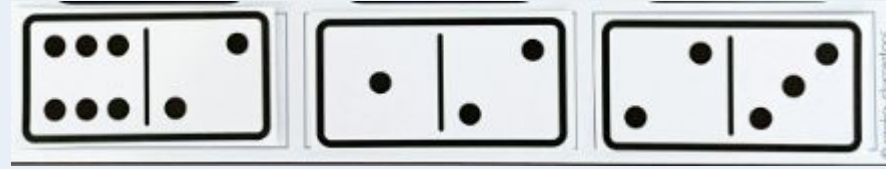
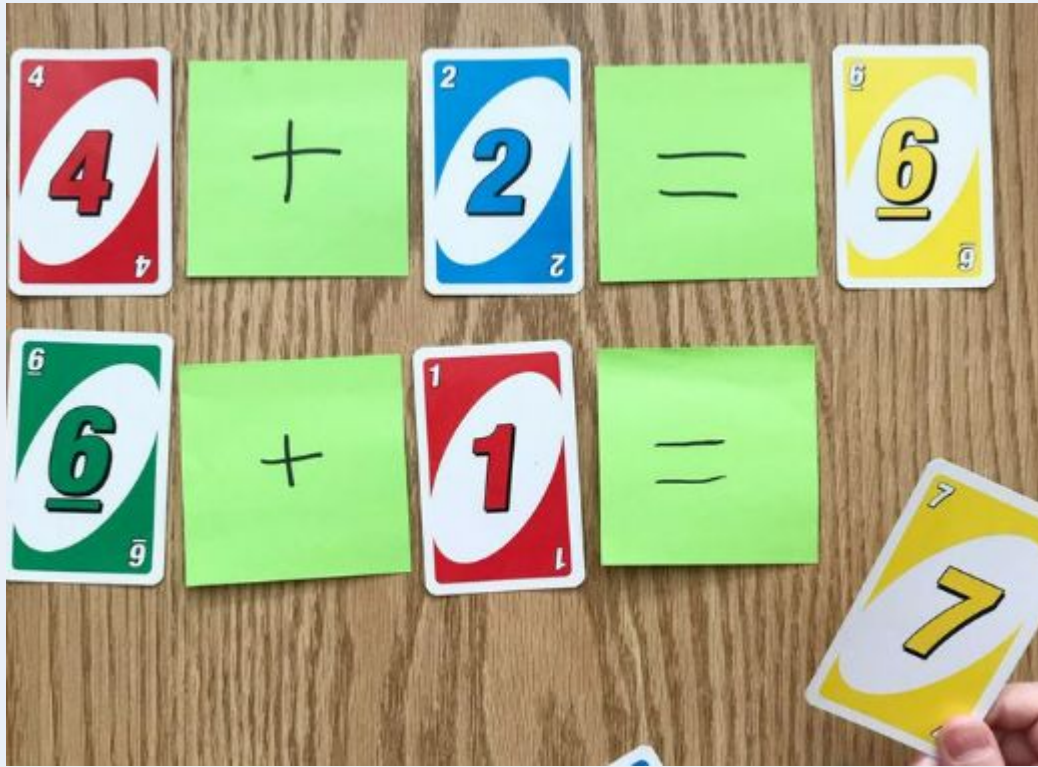
Dienes



Hundreds	Tens	Ones
		



Uno Cards





Best use of other resources

