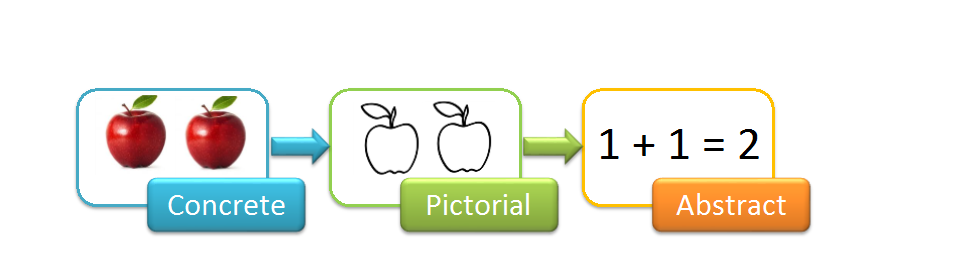
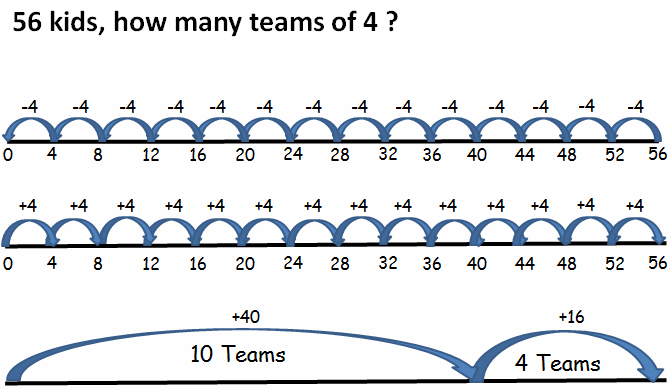
Glasgow Counts

4 operations

Key strategies







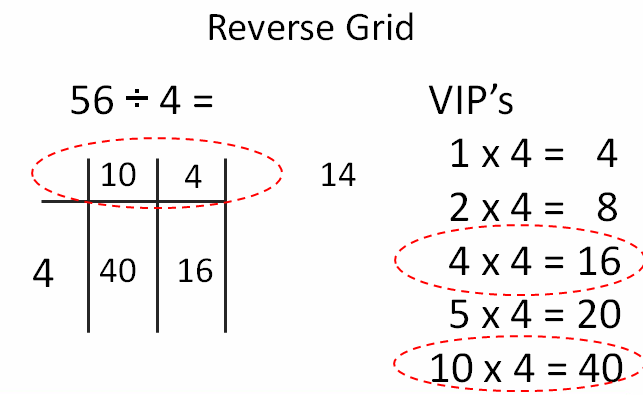
Addition

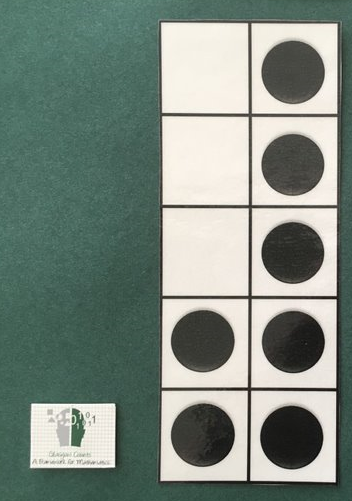
[](https://www.youtube.com/watch?v=RHm_7YdGt80)

5 frames

and

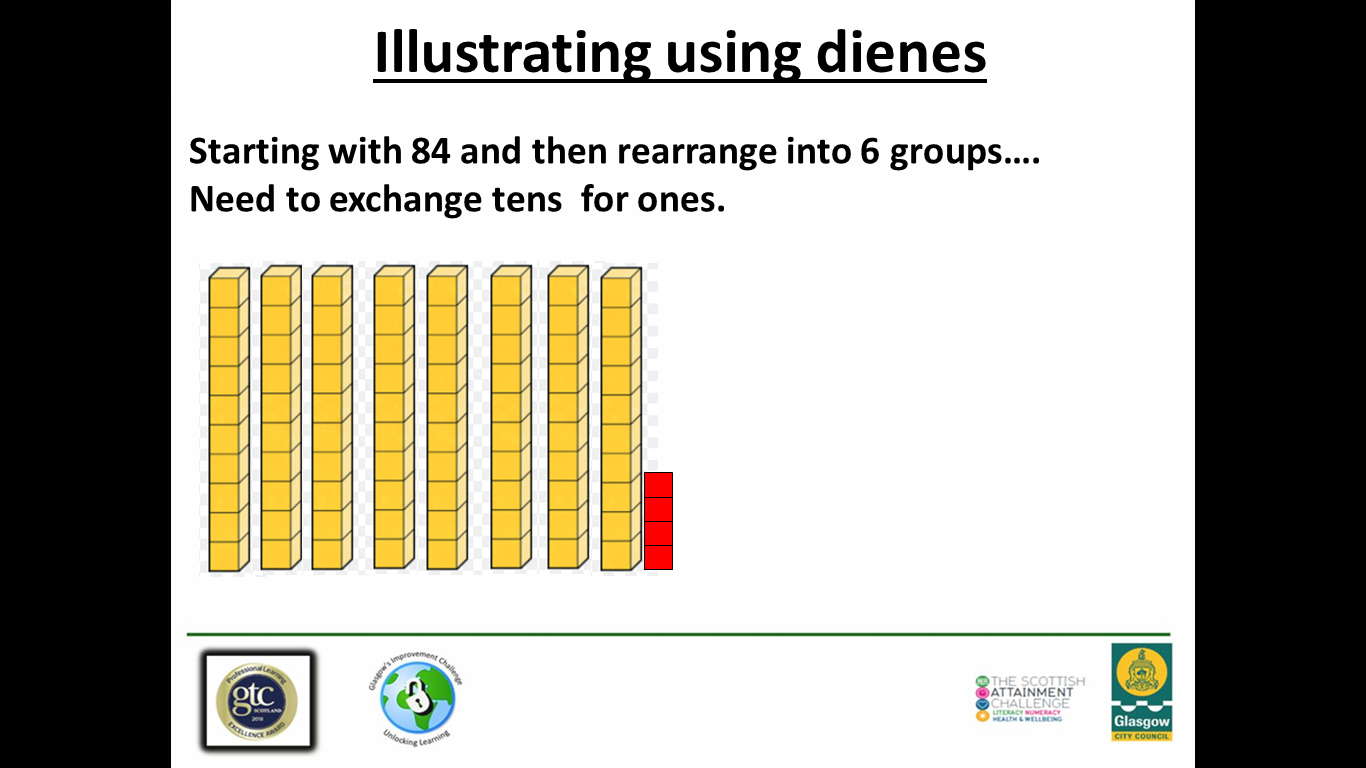
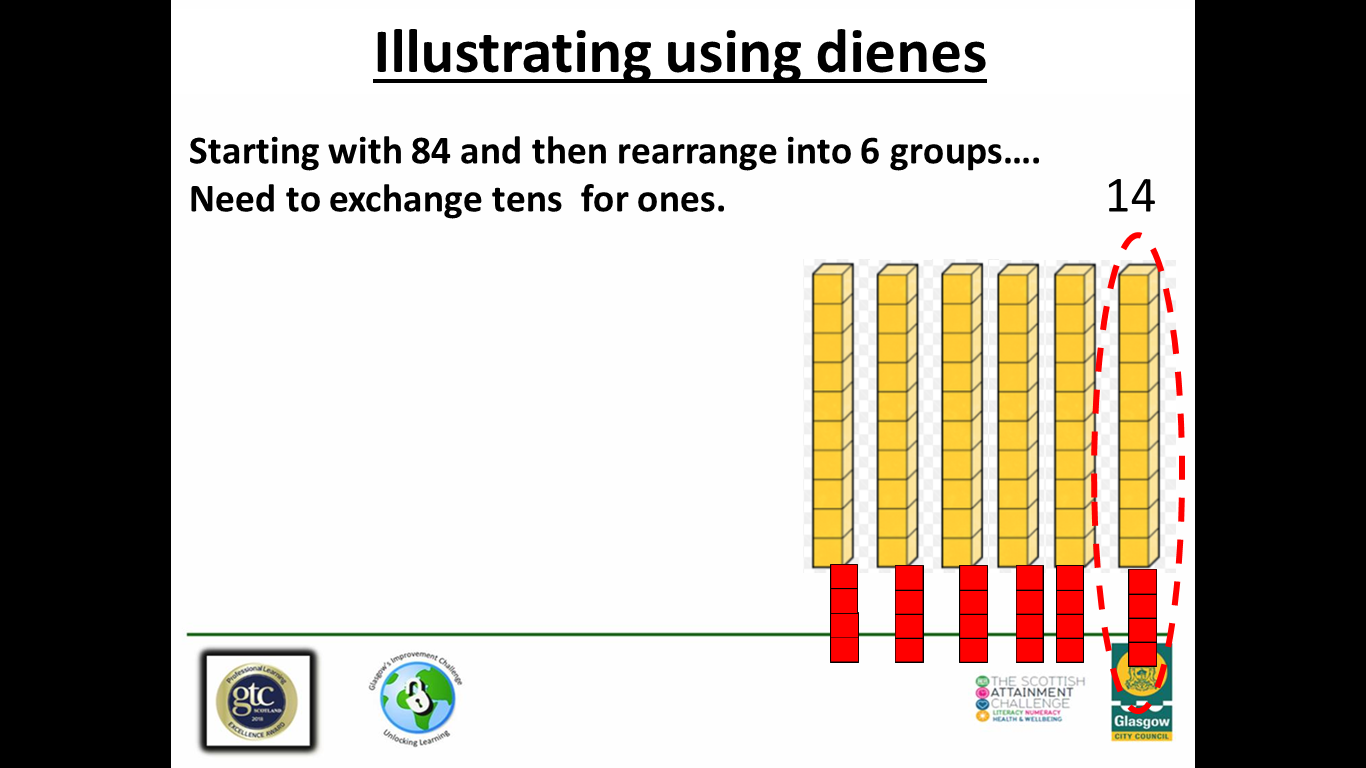
10 frames





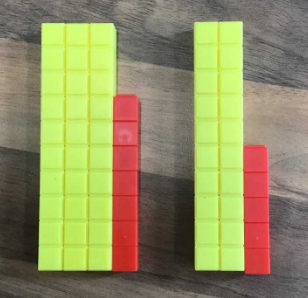
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Page 1



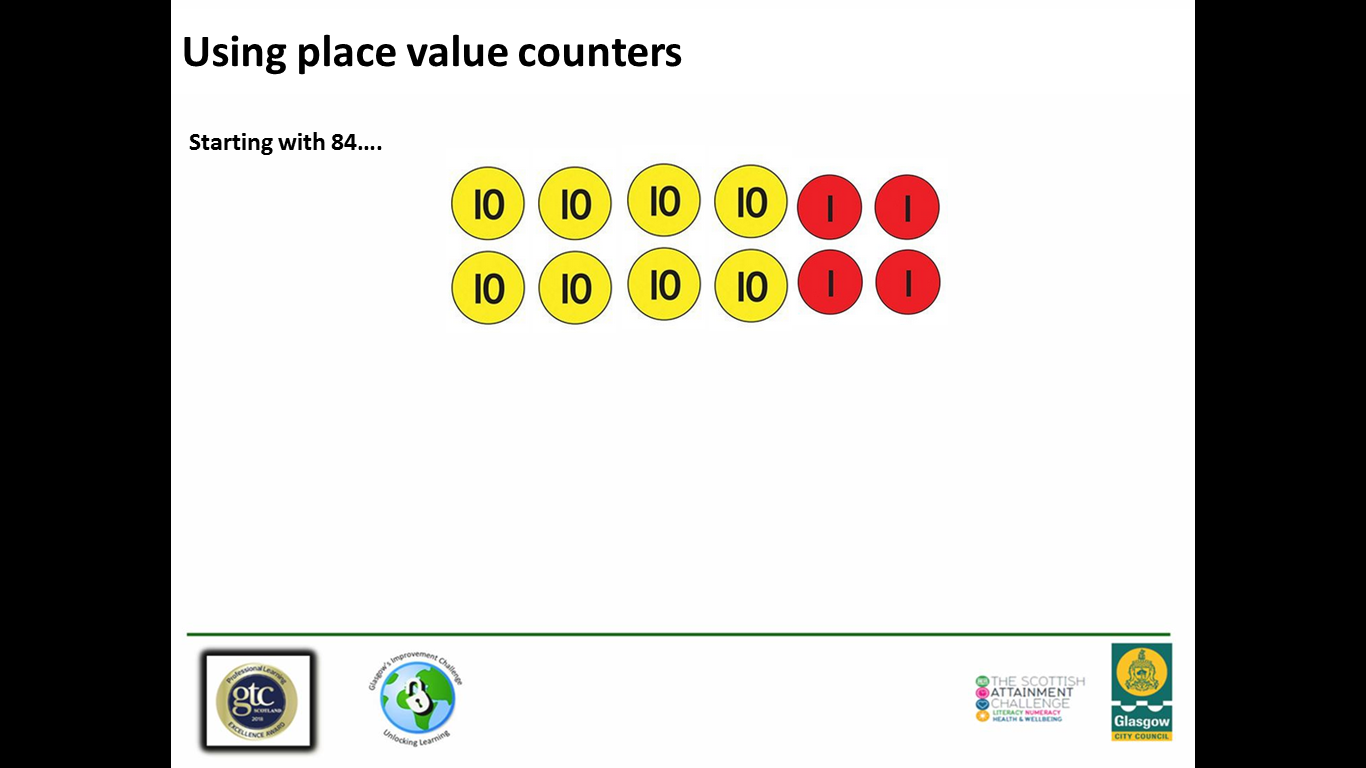
**Dienes**

37 + 25 =



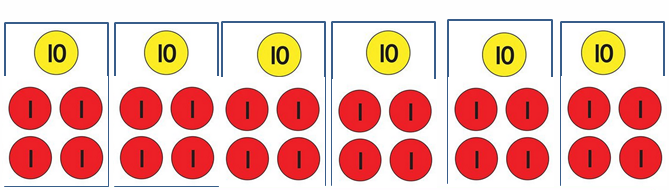
**Place Value Counters**





84 ÷ 6 = ?

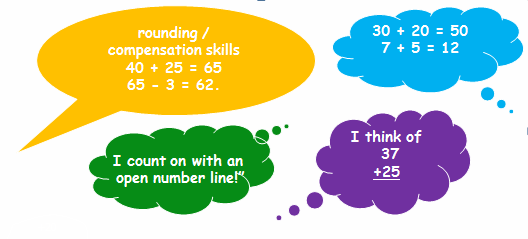
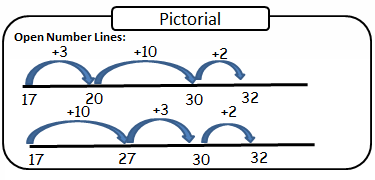
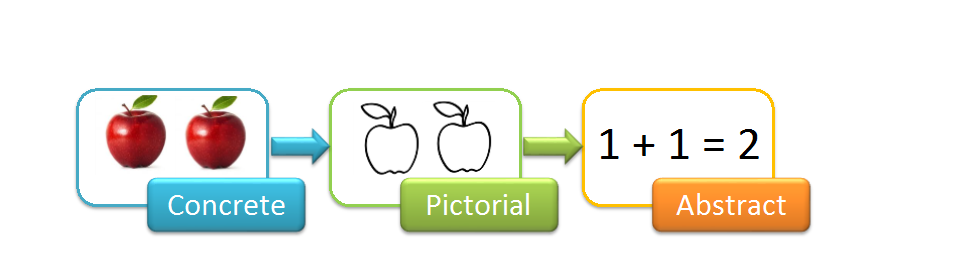






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**Open Number Lines: 17 + 15 = ?**

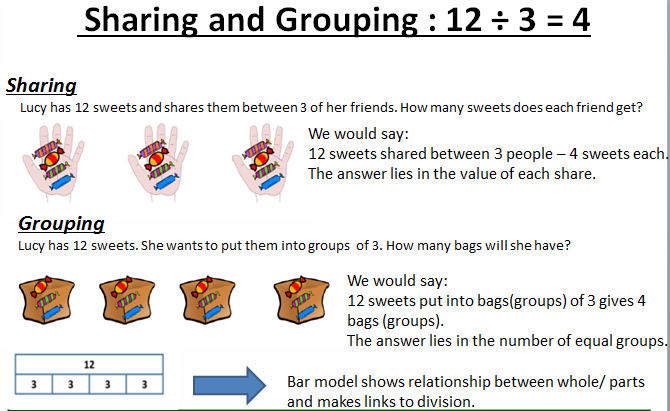
37 + 25 =

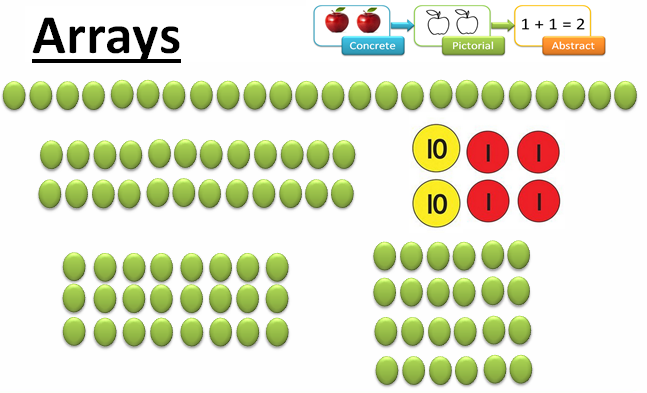
There are 37 children on a bus.

25 more children get on.

How many children are now on the bus?

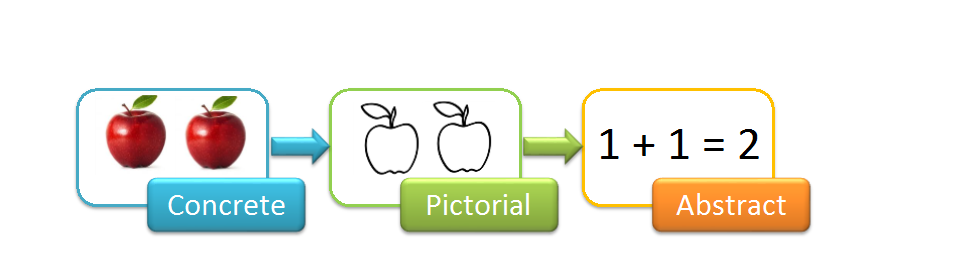
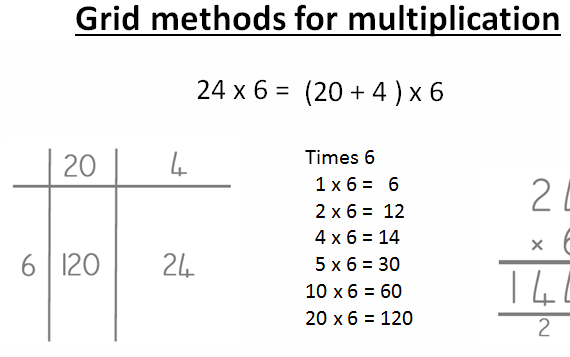
Division





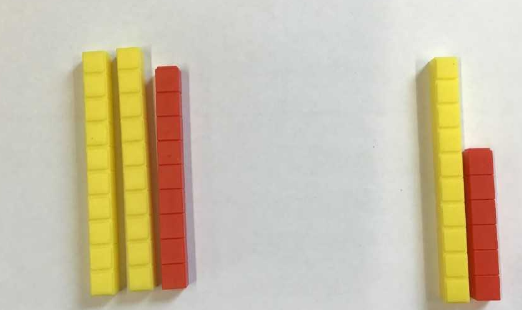
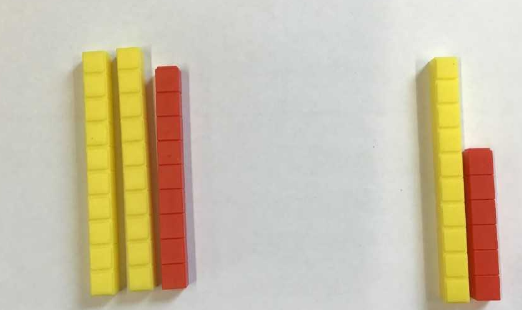
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Subtraction

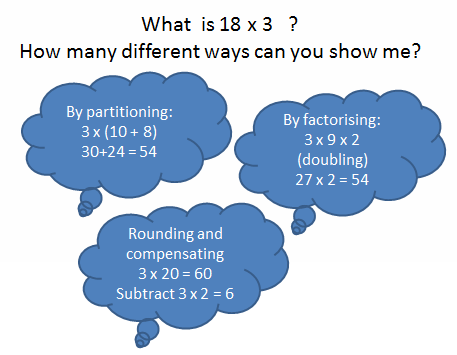


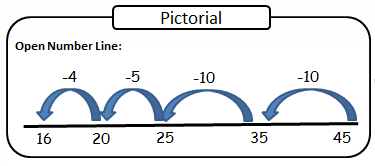
45 - 29

Concrete

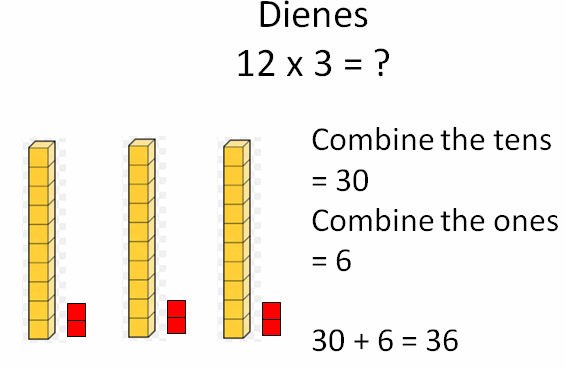
* Dienes

= 16



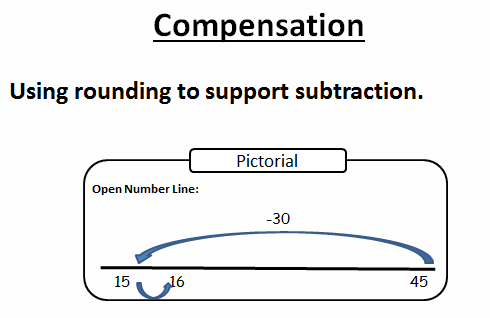
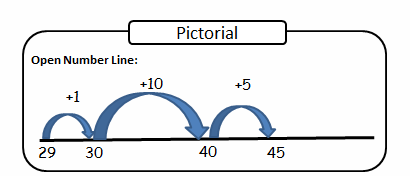
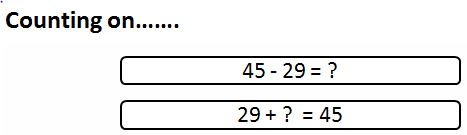


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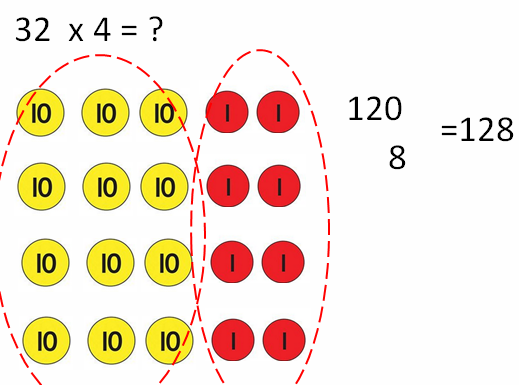


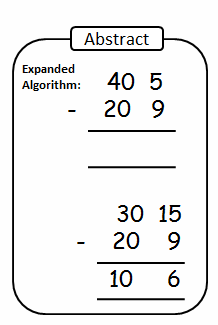
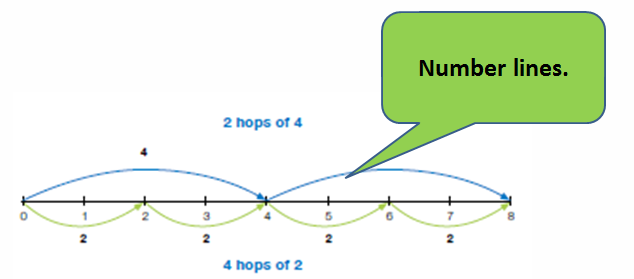
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Place Value Counters

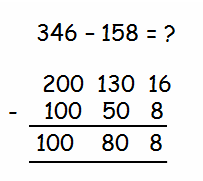


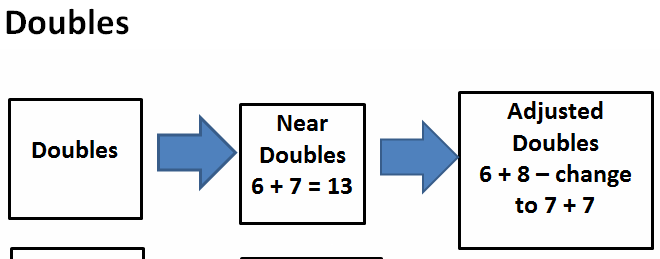


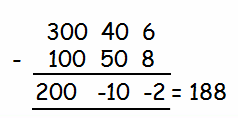
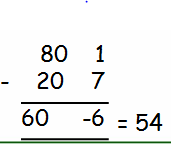
Partitioning and Irregular Partitioning.

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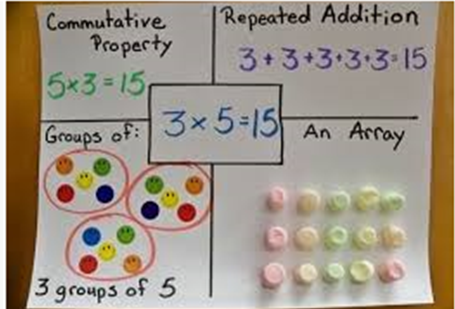


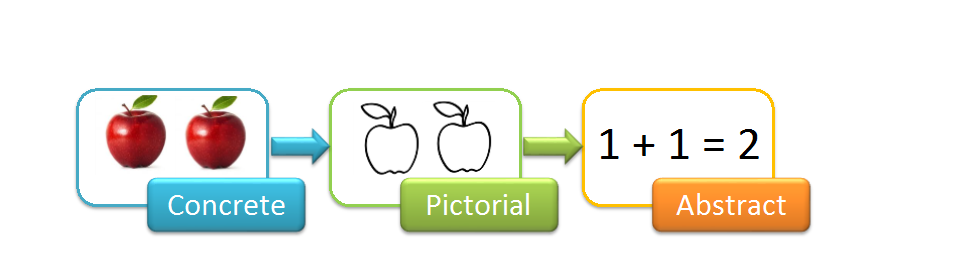
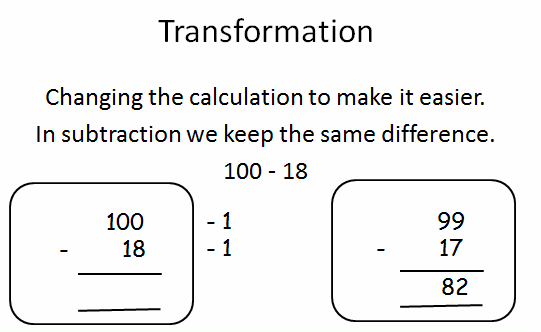


Negative Subtraction



Show me 4 ways…





Multiplication

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