

Teaching Strategies

Rainbow facts

These are the pairs of numbers that together add to 10. The rainbow graphic is just a fun way to help with pairing the numbers to 10.

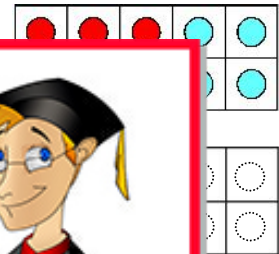
The rainbow facts are probably the most important set of addition facts that the student will need to know. As our number system is base ten, all numbers are seen as part of a number to 10, or a multiple of 10 (such as 100, 1,000 etc).



Initially allow the student to use a ten frame with 2 different coloured counters

Later, use missing counters

The "different number" is useful to understand



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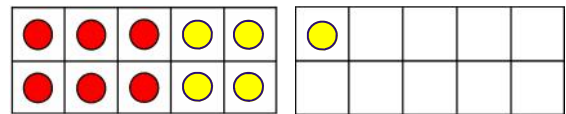
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Many use of the discussing placing

At a later stage (not covered in this course), the addition of larger numbers is often visualized by numbers bridging over the ten.

For instance, $6 + 5$ is $6 + 4$ and one more equalling 11.



Number lines can be used to find the pairs to ten, but are less helpful as the missing number is not immediately apparent. Counting the hops that make up the pair is not as efficient a method as using ten frames. For this reason it is left until after the pairs to ten have already been established.

