Addition Ten Frame Flash Cards

Addition number facts for sums 11 - 20
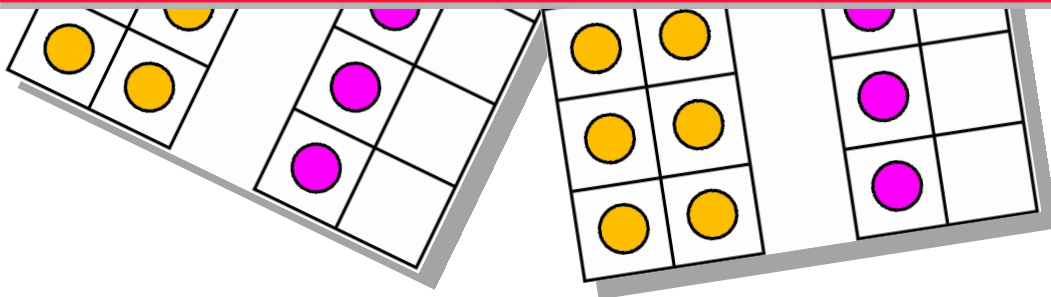
Using the Double Ten Frames for Addition Facts (purple dot layout)

This layout shows different aspects of addition facts to the red pair layout.

These ten frames show the fact family for the addition facts. The two addends are placed on different ten frames so that the students can visualize the second number when added to the first.

Students should use counters on their ten frames to work through these number facts before using these flash cards. Once the addition facts have been fully explored, the flash cards can be used to help the students visualize and remember their addition facts.

Bridging the ten:

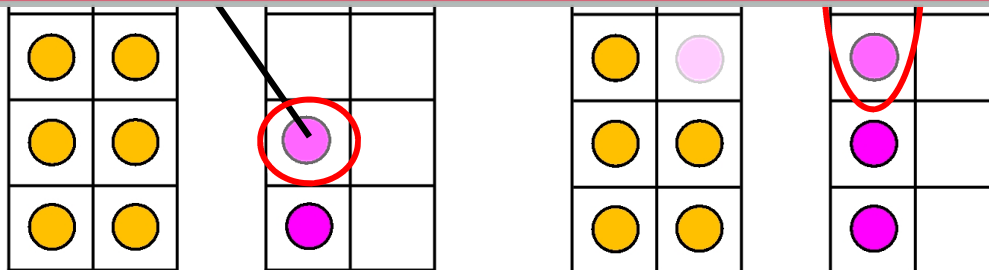**N.B. it is crucial that students know their pairs to 10 (rainbow facts) with instant recall before using this method.**

Bridg... nber to anoth... number added...

Stude... ize the numb...

Wher... e, and visua...

$$9 + 2 = 11 \qquad 7 + 5 = 12$$

Ask the students to read out the number sentence shown by the flash card. Help students who struggle with this concept by taking them back to their own ten frame to work out the answer. Frequent use of these tools will assist students to visualize the number facts.

At first glance it may appear that not all the number fact combinations are included in this flash card set; however, when subitizing addition facts, it is important to always start with the larger addend and then add the smaller to it. So 4 + 8 is turned around to 8 + 4 before beginning. Always make sure students are able to identify turnarounds in the flash cards.

Addition Facts—Doubles and Double +1

This layout shows the doubles addition facts easily and clearly.

When doubling a number such as 7, it is clear that 7 (5+2) can be shown as double 5 and double 2. Double 5 is ten - "easy", so double 7 is double the +2. Total 14.

7 + 8 is shown by double 7 plus 1 (N.B. students need to be able to subitize both the pairs and rows layouts for this concept)

7 + 7 = 14

double 7

7 + 8 = 15

double 7 plus 1