



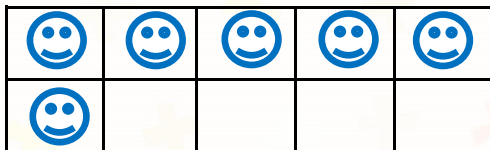
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Grade K-1: Using Ten Frames for Addition & Subtraction

A **ten frame** is a rectangle that is divided into **10 smaller boxes**. You can **draw a circle (or smiley face) inside each small box to represent one**. This ten frame shows the number 6 because there are **6 smiley faces** in 6 boxes.



To **add** two numbers smaller than 10, you can first **draw circles (or smiley faces) in one color** to show the first number and then **draw circles in a different color** to add the second number. Then, **just count up all of the circles of both colors**!

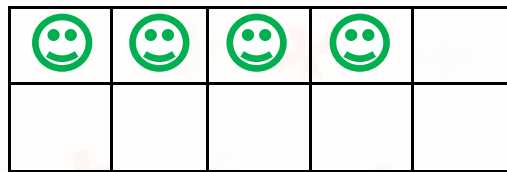
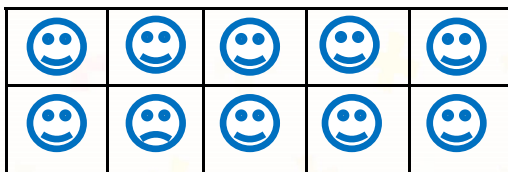
$3 + 5 = ?$



$3 + 5 = 8!$

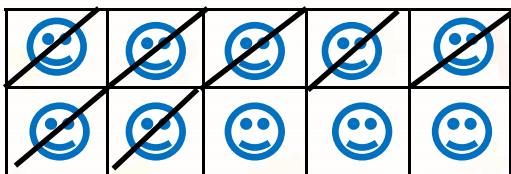
To **add 10 plus 10** or a smaller number, use **two ten frames**. When the **first one is full of circles**, that's **10**! Start **counting on from 11** in the second frame.

$10 + 4 = ?$



$10 + 4 = 14!$

To **subtract** one number from another, **start by filling in circles for the first (bigger) number**. Then, **cross out the number of circles you need to take away** (the number that comes after the minus sign). $10 - 7 = ?$



$10 - 7 = 3!$

For More on This Topic:

<https://www.engageny.org/resource/addition-and-subtraction-with-ten-frames>