

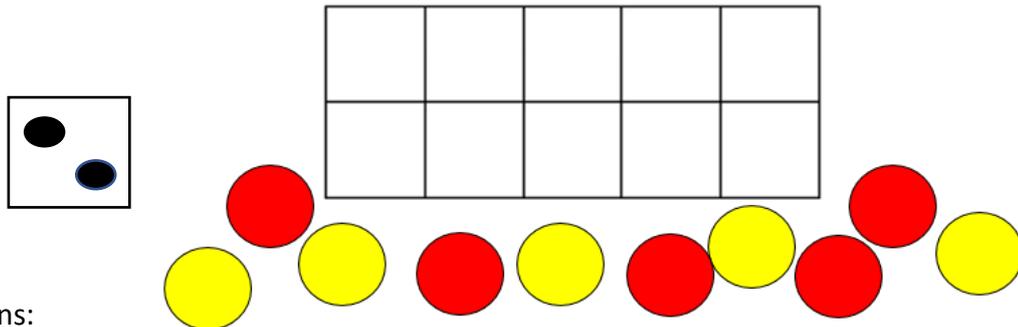
Ten frames

Section 13: Activity 1

Can you make 10?

You will need:

- A ten frame for each child
- A customised dice showing the numeral or spots, 1, 1, 2, 2, 3, 3
- Counters or objects a suitable size for working on the ten frame



Instructions:

Children need to work in pairs or threes.

Each child takes a turn to roll the dice and generate a number (1, 2 or 3).

The child who has rolled the dice, then looks at the number on the dice and takes the exact number of objects and places them on their frame. The next player rolls the dice.

The frame must be filled exactly with a roll of the dice, so a child with 8 counters on their frame must roll a 2 or two 1s to complete their frame and be the winner.

Variations

1. This activity can be played on a two tens frames (twenty frame) using a standard 1, 2, 3, 4, 5, 6 spot or numeral dice.
2. Play the game again but this time starting with a full ten frame, using the dice to generate the number of counters to be removed from it.
3. Extend this subtraction game to subtraction from 20 using two tens (twenty frame).
4. Using two tens frames (twenty frame) and a customised dice 1, 1, 2, 2, 3, 3 ask the children to generate a number and double it, e.g. a child rolls the number 3, they double the number and place 6 counters on their frame (or remove 6 counters if you are subtracting on the frame).
5. Using two tens frames (twenty frame) and a customised dice 2, 2, 4, 4, 6, 8 ask the children to generate a number and halve it, e.g. a child rolls the number 8, they halve the number and place 4 counters on their frame (or remove 4 counters if you are subtracting on the frame).