

Ten frames

Section 15: Activity 3 What's my number?

You will need a screen or barrier, ten frames and some counters

Instructions

This could be a whole class activity or a pairs activity.

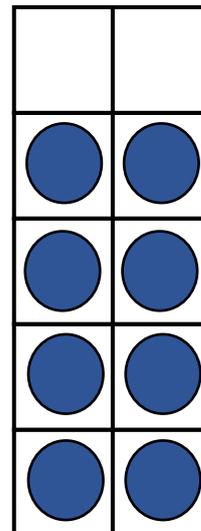
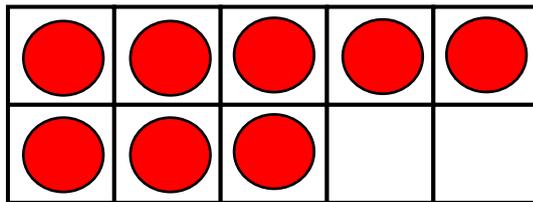
One person creates a number using the counters on the ten frame. The ten frame should be hidden behind a screen or similar object.

The other player then asks questions to enable them to work out the number (you may wish to equip the second player with their own ten frame and counters to work with).

The first player with the ten frame can only answer yes or no to any questions asked.

How many questions does it take to work out the mystery number?

Mystery number



Questions to ask:

Q.1. Is the top row filled up with counters?

Yes

Q.2. Is it more than 5?

Yes

Q.3. Are there any blank spaces on the second row?

Yes

Q.4. Is it an odd number?

No

Q.5. Are there 4 blank spaces?

No

Q.6. Is the number 8?

Yes