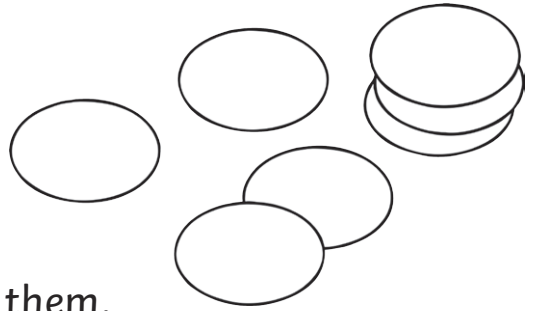


Recognising Equal Groups Game

Equipment:

- Counters or similar small objects
- Whiteboards and pens



Instructions

1. Play in pairs.
2. Grab a handful of counters each and count them.
3. Make equal groups with your counters and record the amount of groups you have made, on your whiteboard.
4. Make as many equal groups as you can.
5. When you have finished, compare what you have recorded on your whiteboard with the other player. The person with the most equal groups wins the game.
6. After 3 rounds of the game, choose a mastery question to discuss.



Mastery Questions

1. Can you make a prediction about the number of groups you will be able to make when you have counted your counters?
2. What do you notice about the number of counters that will make a greater amount of equal groups?
3. If you could choose the number of counters you take, what number would you choose? Give a reason for your choice.

Mastery Questions **Answers**

1. Can you make a prediction about the number of groups you will be able to make when you have counted your counters?

Answers many vary.

2. What do you notice about the number of counters that will make a greater amount of equal groups?

Numbers that make lots of groups will be even and multiples of several numbers, such as 12, 18, 20 or 24.

3. If you could choose the number of counters you take, what number would you choose? Give a reason for your choice.

Answers many vary.