Diving into Mastery – Diving

Adult Guidance with Question Prompts

Children recognise equal groups and describe them using the language of addition and multiplication. They may count in twos, fives and tens.

What will equal groups look like?

How many items are in each group?

Are the groups equal? How do you know?

How many groups are there?

What is the most efficient way to count how many there are altogether?

What do you notice about these two groups of tennis balls?

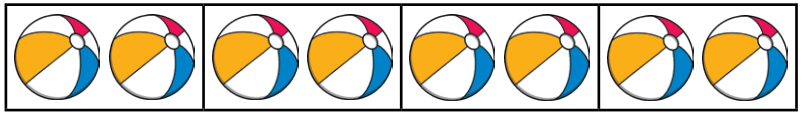
How many tennis balls are in each group in the two pictures?

How many tennis balls are there in total in the two pictures?

What's the same about the two pictures?

What's different about the two pictures?

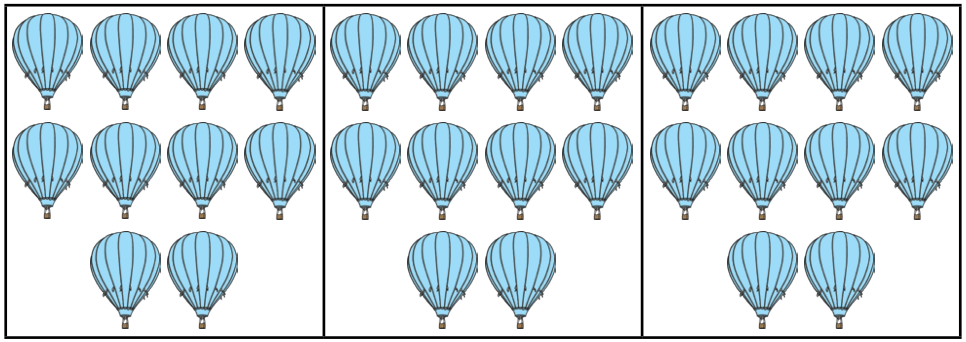
Recognise Equal Groups



There are ☐ beach balls in each group.

There are ☐ equal groups.

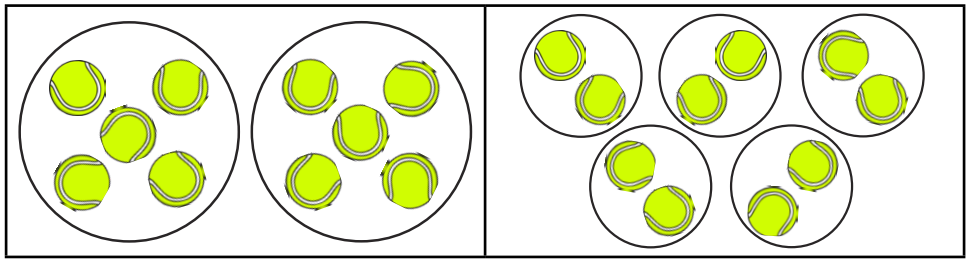
There are ☐ beach balls altogether.



There are ☐ balloons in each group.

There are ☐ equal groups.

There are ☐ balloons altogether.



What is the same and what is different about the groups in these two pictures?

Diving into Mastery – Deeper

Adult Guidance with Question Prompts

Children should be able to recognise when groups are unequal. Children will need counters for this activity.

How many groups has Sammy made?

Are the groups equal?

What has Sammy done wrong?

How many counters are there in total?

Can you show me how to make three equal groups with 15 counters?

Can you write a sentence to describe the groups you have made?

How can you be sure they are equal?

Can you use your 15 counters to make two equal groups?

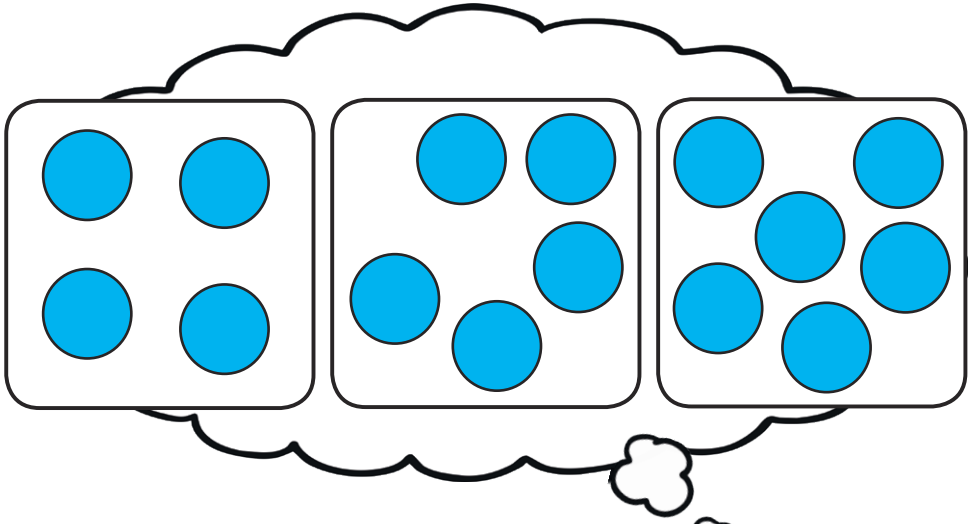
Why not?

Can you share the 15 counters into equal groups any other ways?

Recognise Equal Groups

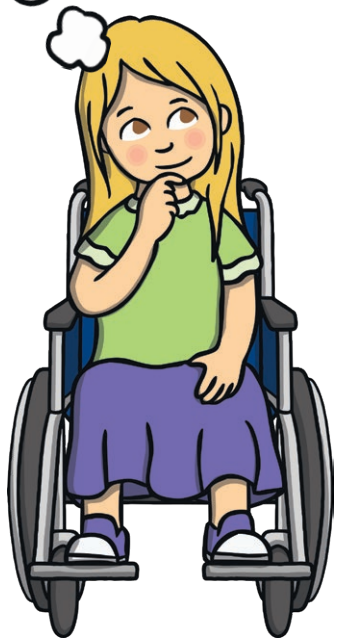
Sammy has tried to group these counters equally.

What mistake has she made?



Use counters to show Sammy how to make three equal groups.

Can Sammy make two equal groups using these counters?



Diving into Mastery – Deepest

Adult Guidance with Question Prompts

Children identify sets of groups by reading clues. They write their own clues about the groups.

What can you tell me about these sets of objects?

Which set do you think Leah is describing?

How do you know?

Which set do you think Chen is describing?

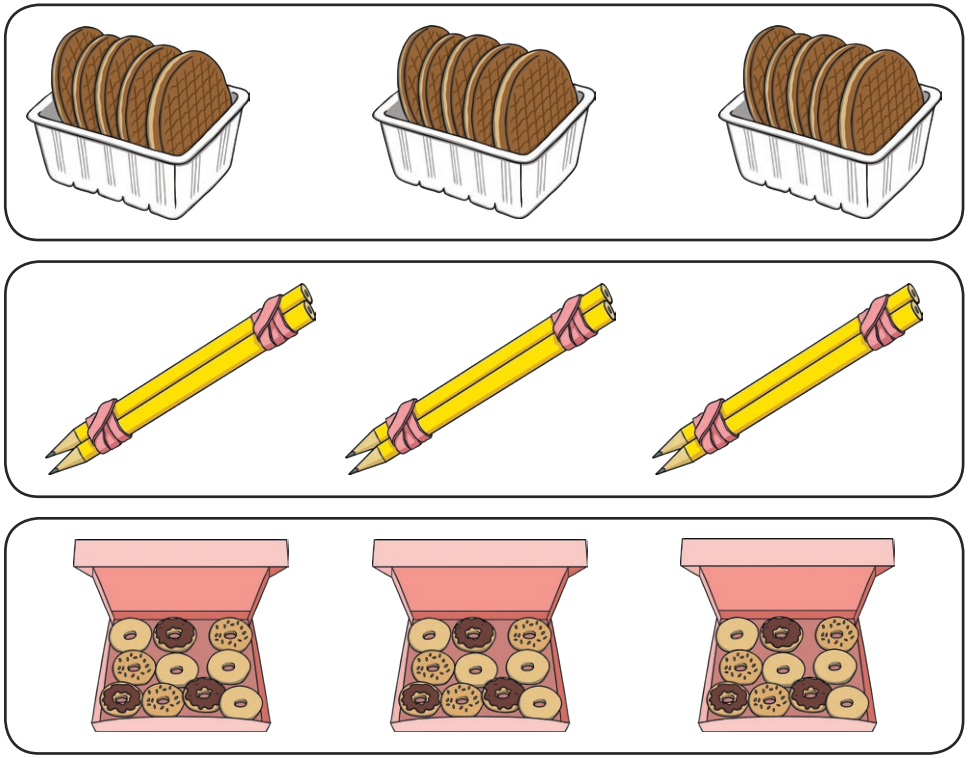
Why do we not know the answer?

I can see a set with 15 objects in total. Which set am I describing?

Can you write some similar clues for a friend to solve?

Recognise Equal Groups

Which groups are Leah and Chen describing?



Write your own clues about these sets of objects.
Can your friend guess which
one you are describing?