

Counting and

Properties of

Numbers

Year 2 Autumn Term Week 1

Lesson 3

# Today we will be learning to:

- count a set of objects and know this number always stays the same
- count in steps of 2, 5 and 10
- begin to recognise familiar multiples.

# Mental Activity

Count out loud.

Start at 0.

Count in steps of 2.

These are the numbers we are saying in  
steps of 2.

Count out loud.

Start at 0.

Count in steps of 5.

These are the numbers we are saying in  
steps of 5.

Count out loud.

Start at 0.

Count in steps of 10.

These are the numbers we are saying in  
steps of 10.

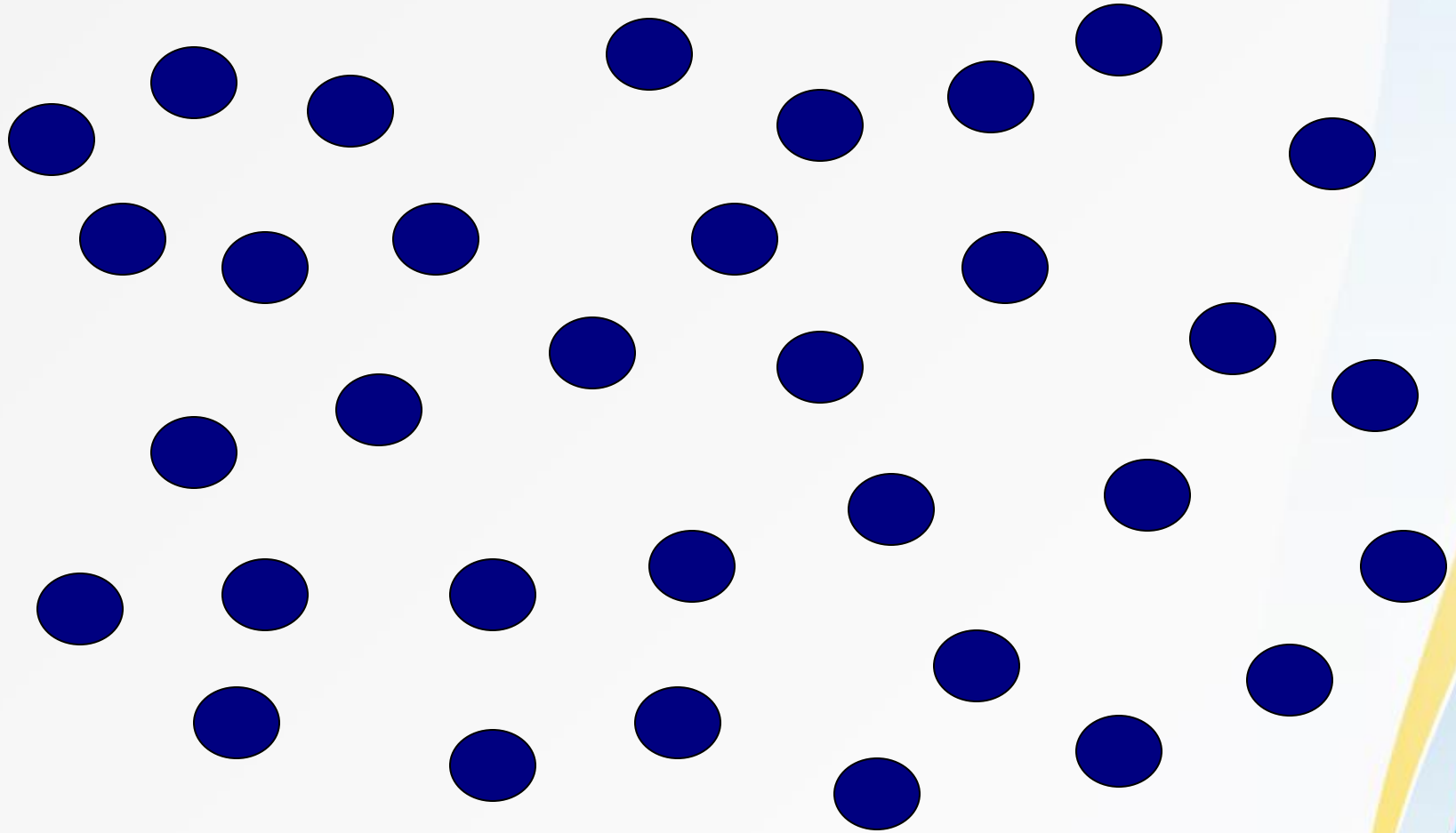
# Main Activity

Today we are going to count objects by grouping them in different ways.

Today's task will be to count the number of dots on the screen.

You will count them by putting them into different groups.

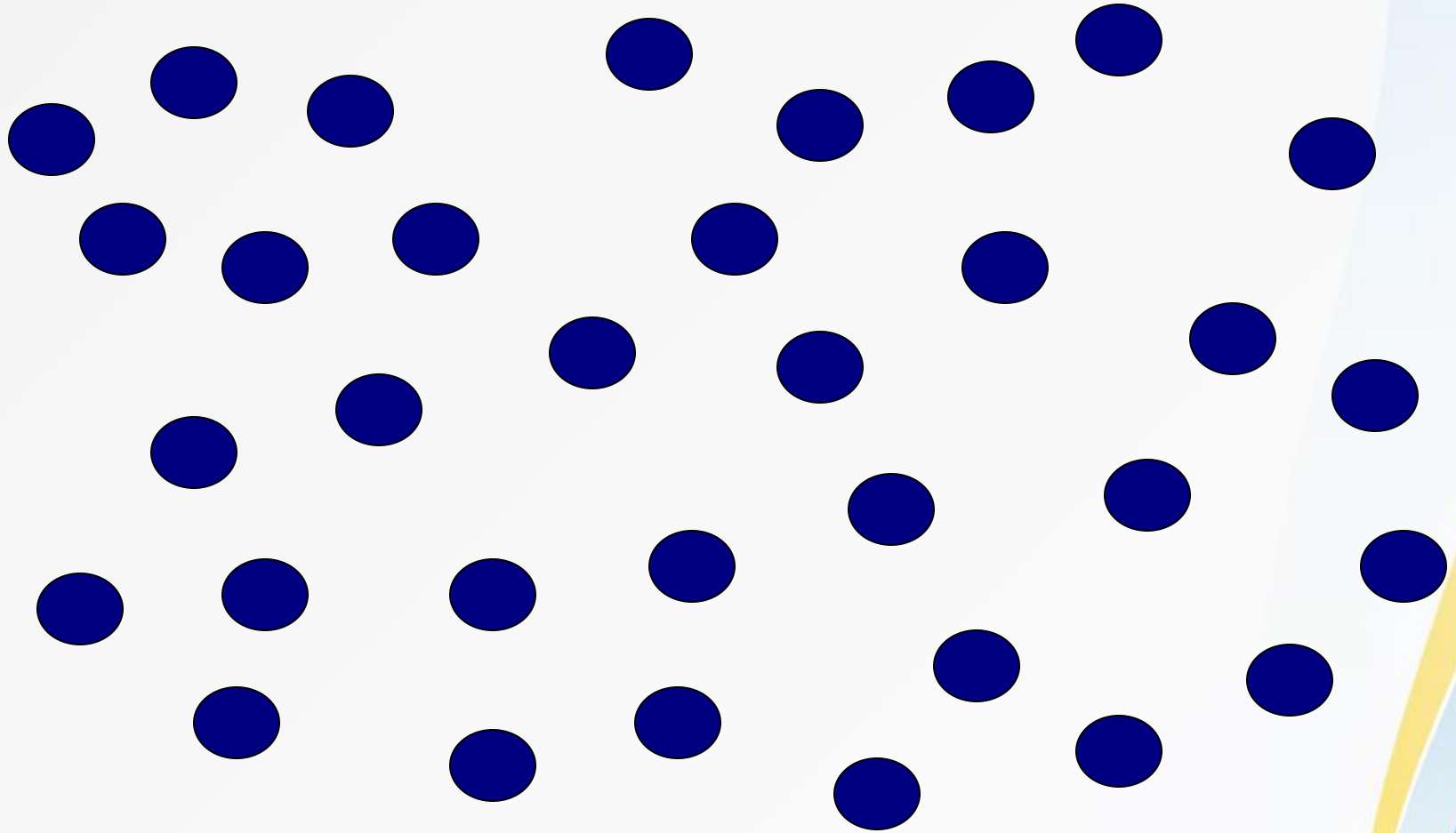
How many dots are there here?



Count in twos to find out.

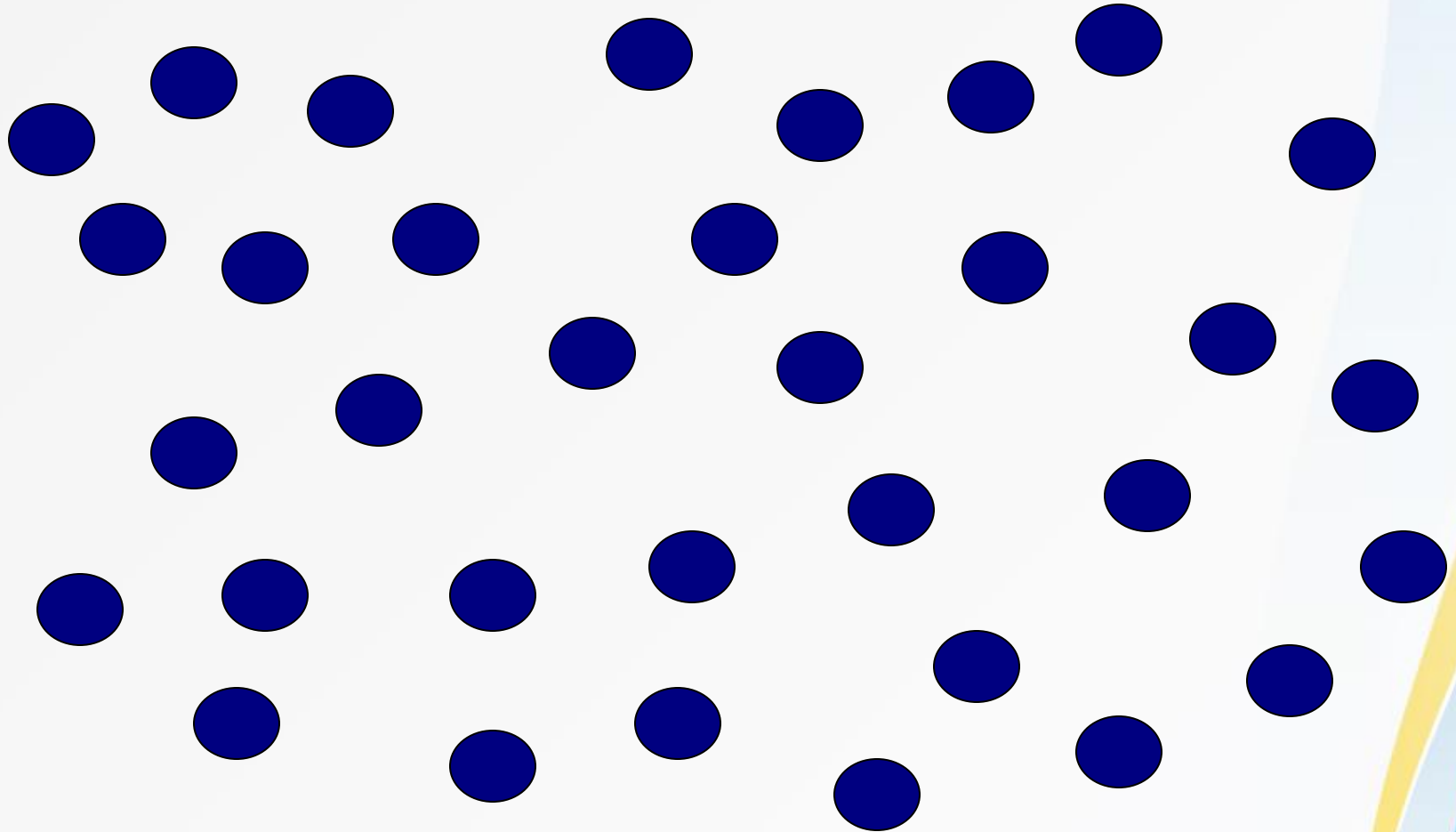


How many dots are there here?



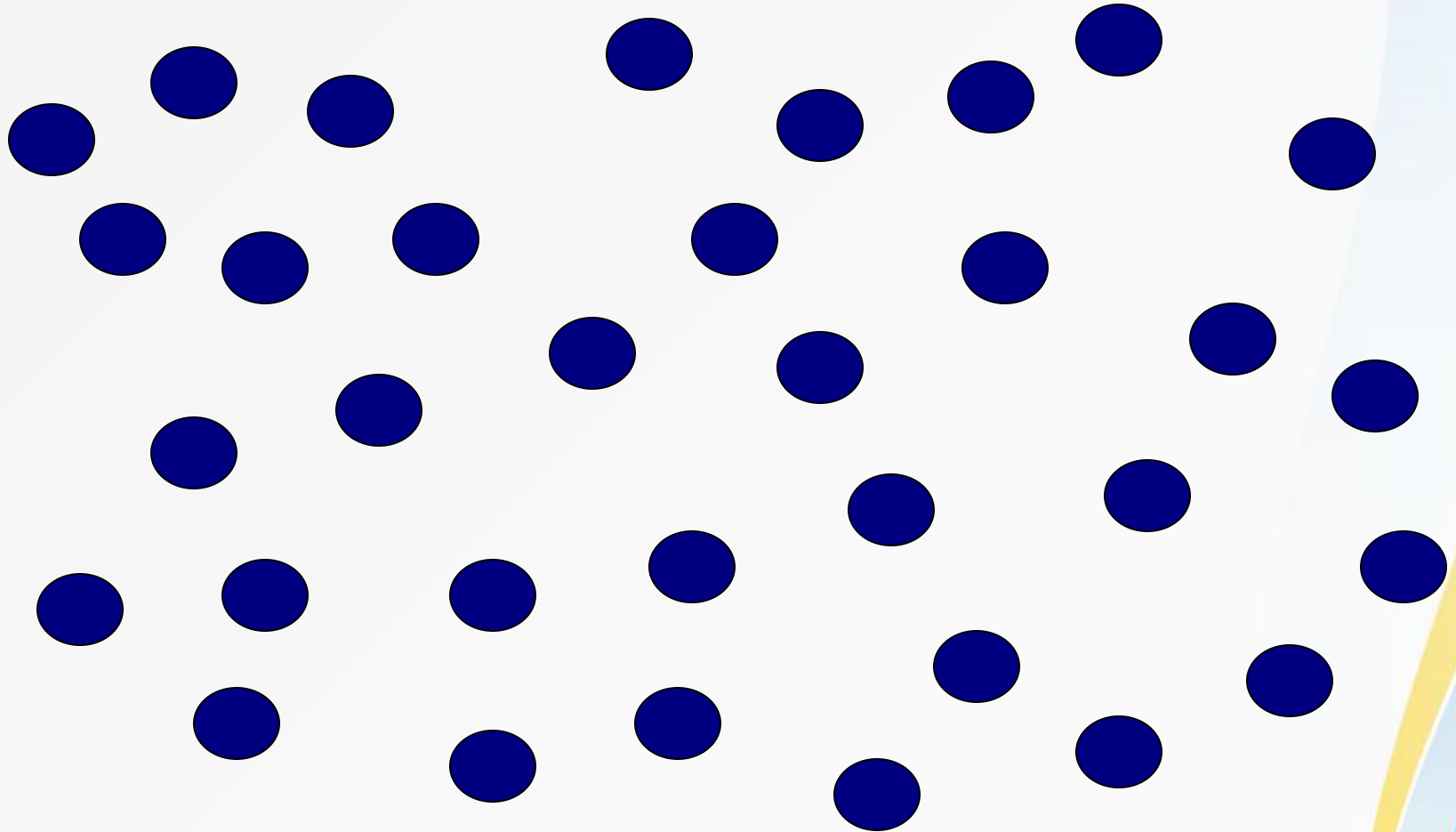
Count in fives to find out.

How many dots are there here?



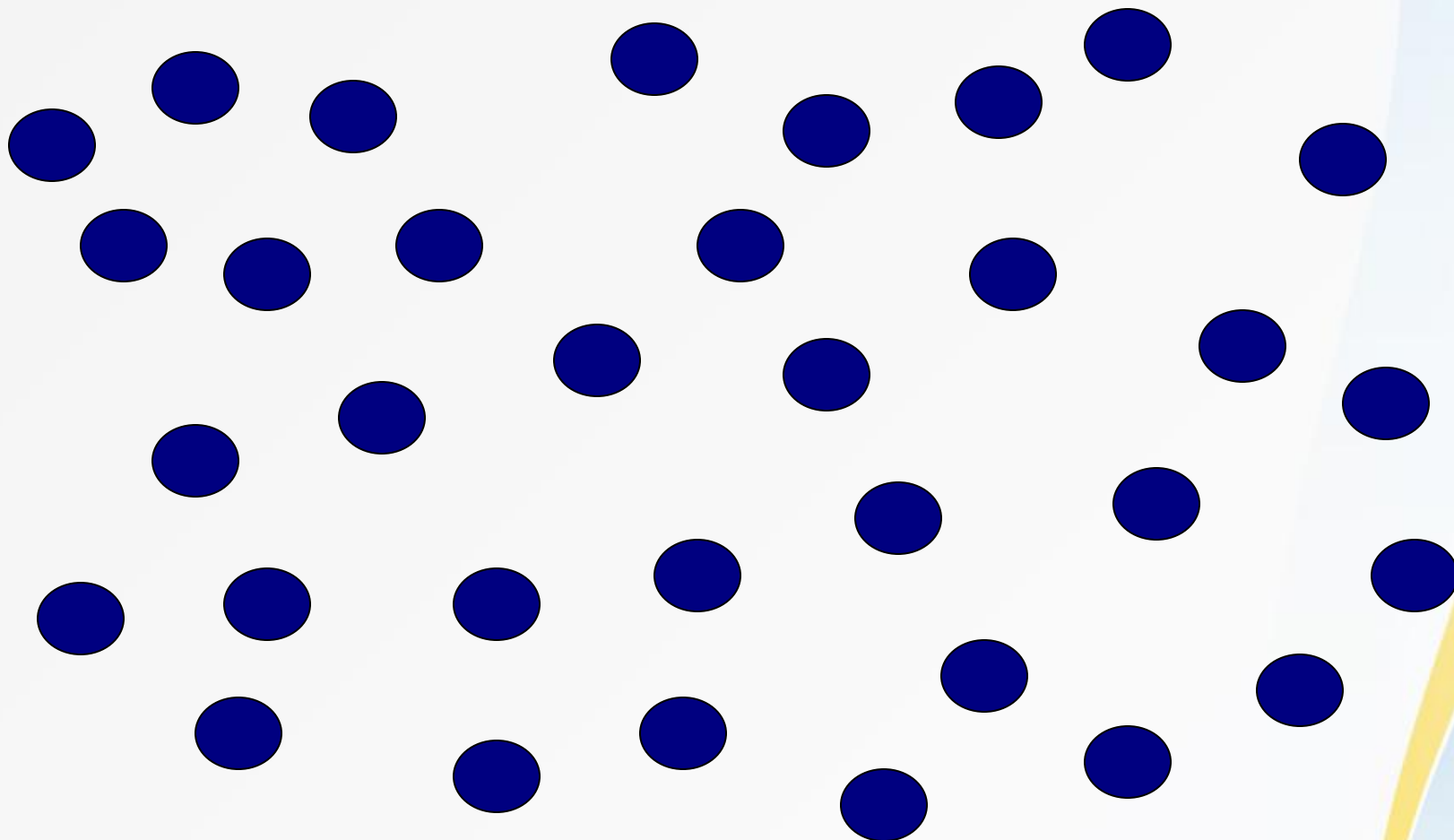
Count in tens to find out.

How many dots are there here?



Count in ones to check.

Did you find 33 dots?

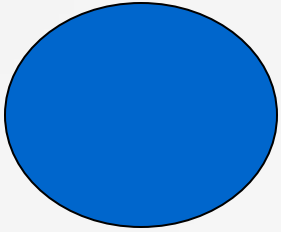


What were the advantages of grouping objects to count them?

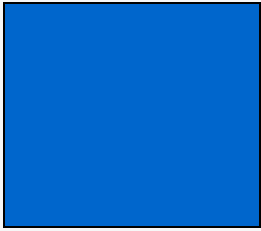
Which grouping was the easiest to count?

Why?

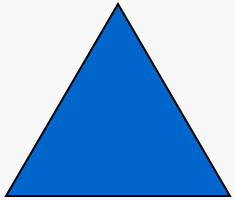
# Group Work



Take a handful of objects to count in groups of ones, twos and tens. Record results.



Draw some spots for a partner to count and check by grouping in different ways.



Draw some spots or collect some objects. Challenge a friend to find out how many by grouping them.