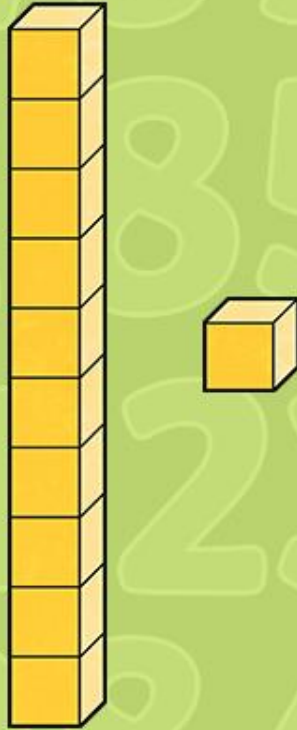# Maths

Number and Place Value
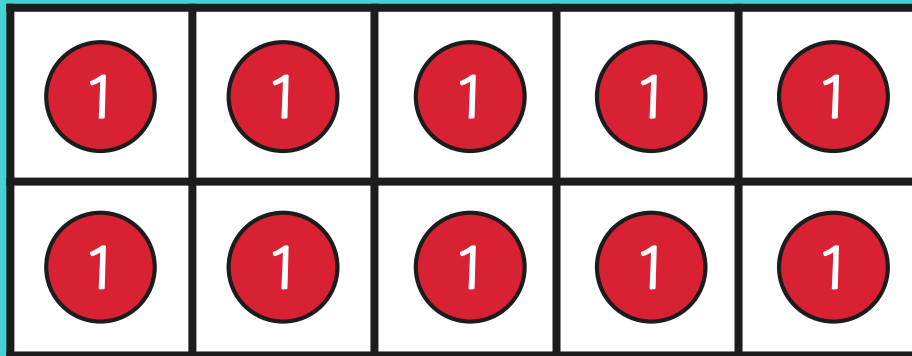
Tens and Ones

Aim

- To say what each digit in a two-digit number represents.

Success Criteria

- I can identify the place value of each digit in a two-digit number.
- I can say what each digit represents in a two-digit number.
- I can read two-digit numbers.

Remember It

Using the understanding that 10 ones equal 1 ten, what number is shown below?

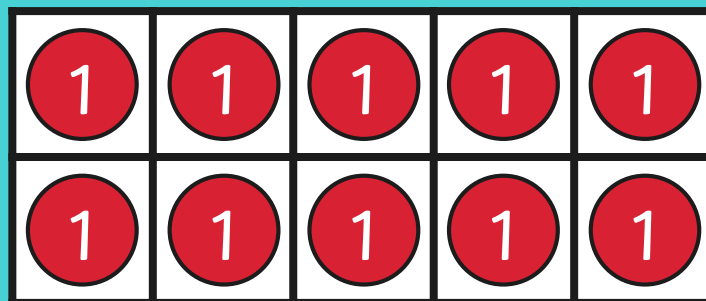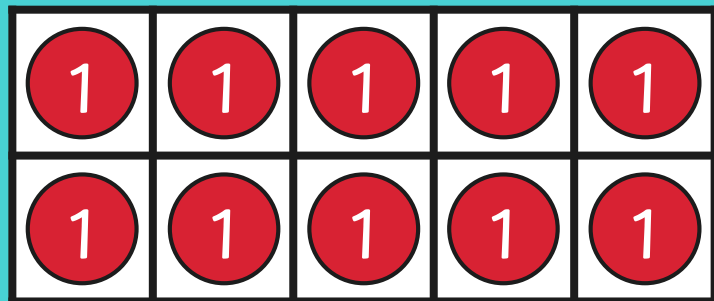| 1	1	1	1	1
1	1	1	1	1

10

10 ones is equal to 1 ten.

Remember It

Using the understanding that 10 ones equal 1 ten,
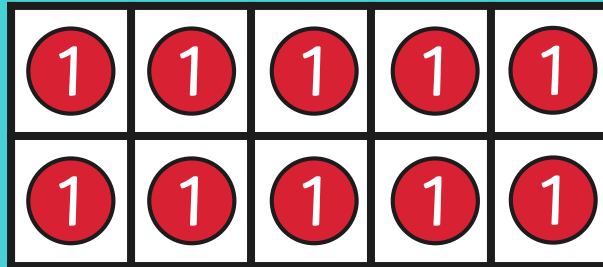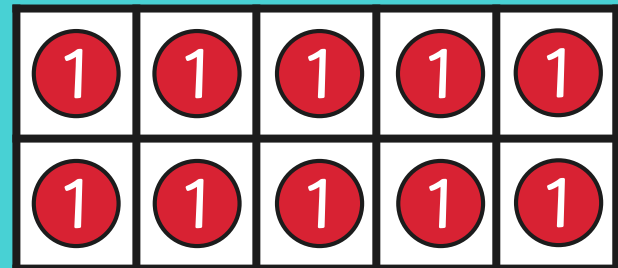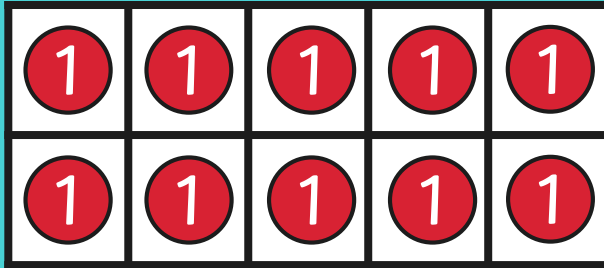what number is shown below?

20

10 ones is equal to 1 ten.
2 groups of ten equal 20.

Remember It

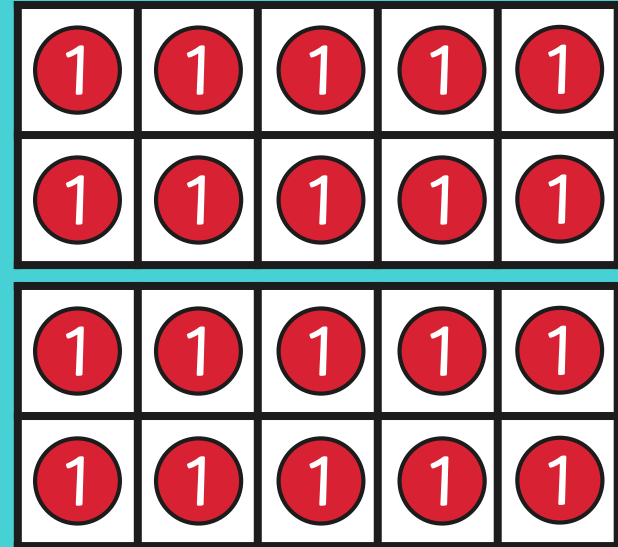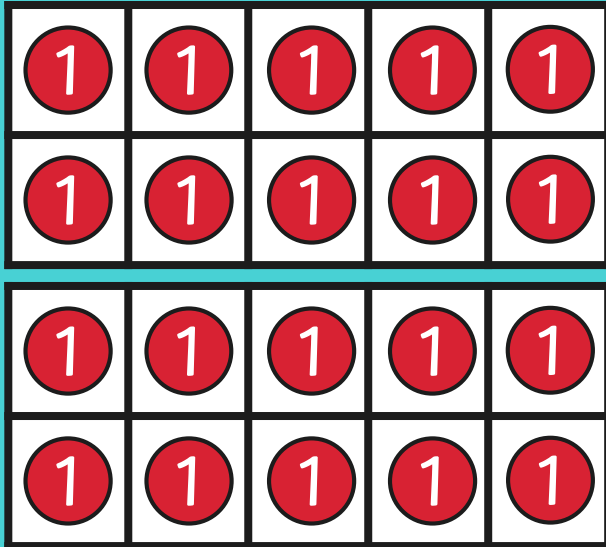Using the understanding that 10 ones equal 1 ten,
what number is shown below?

30

10 ones is equal to 1 ten.
3 groups of ten equal 30.

twinkl.com

Remember It

Using the understanding that 10 ones equal 1 ten,
what number is shown below?

1	1	1	1	1
1	1	1	1	1

1	1	1	1	1
1	1	1	1	1

1	1	1	1	1
1	1	1	1	1

1	1	1	1	1
1	1	1	1	1

40

10 ones is equal to 1 ten.
4 groups of ten equal 40.

Place Value

What do you know about this number?

Tens	Ones
	2

- This is the number 2.
- It is a one-digit number.
- There are 2 ones in the ones column.

Place Value

What do you know about this number?

Tens	Ones
	9

- This is the number 9.
- It is a one-digit number.
- There are 9 ones in the ones column.

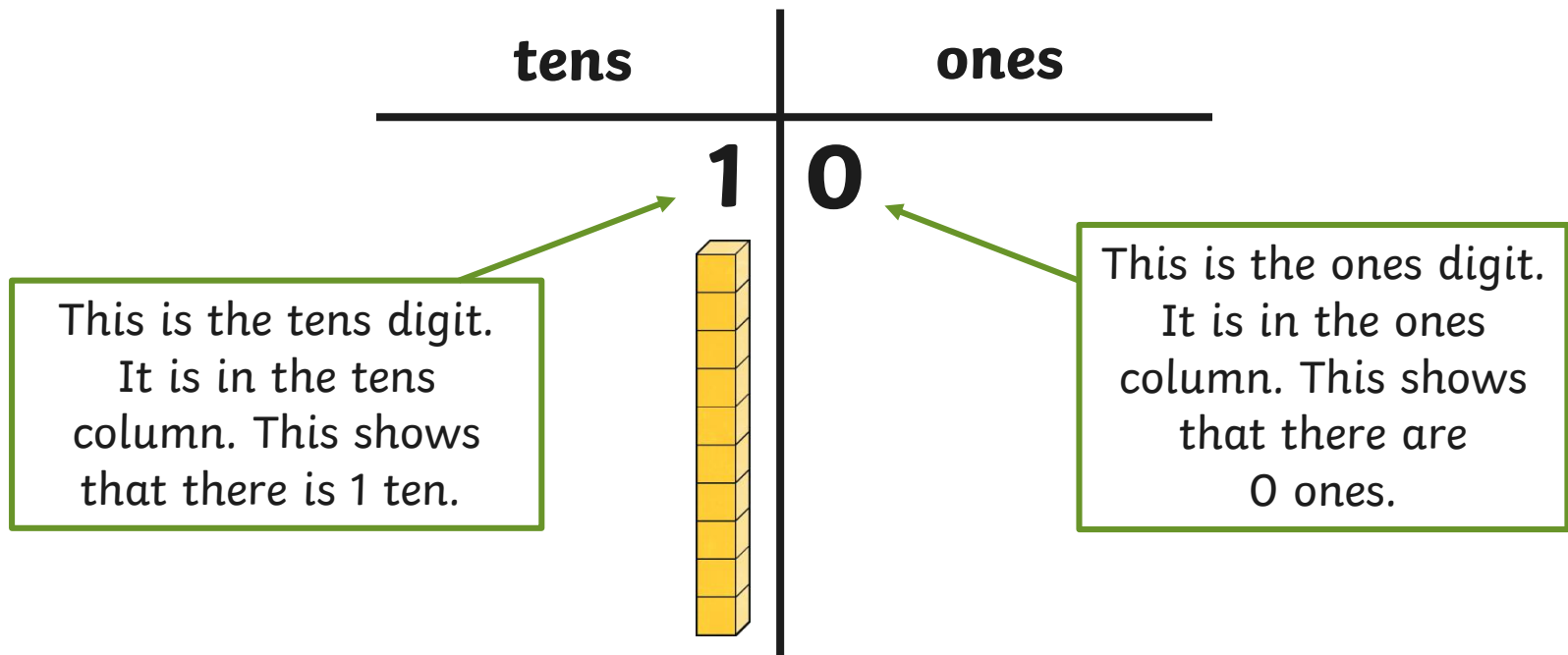What number comes next? What happens to the ones column then?

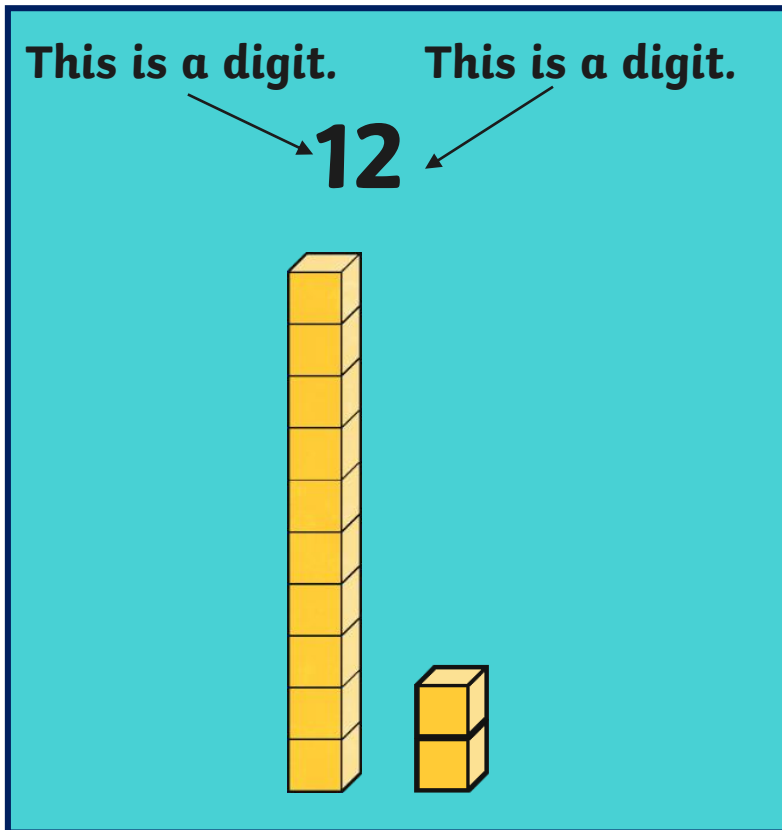# Place Value

What do you know about this number?

This is the number 10. It is a two-digit number.
Each of the digits has a different value.

tens | **ones**

1 **0**

This is the tens digit. It is in the tens column. This shows that there is 1 ten.

This is the ones digit. It is in the ones column. This shows that there are 0 ones.

Place Value

What do you know about this number?

This is a digit.   **This is a digit.**

12

- This is the number 12.

- It is a two-digit number.

- Each of the digits has a different value.

Place Value

tens	ones
1	**2**
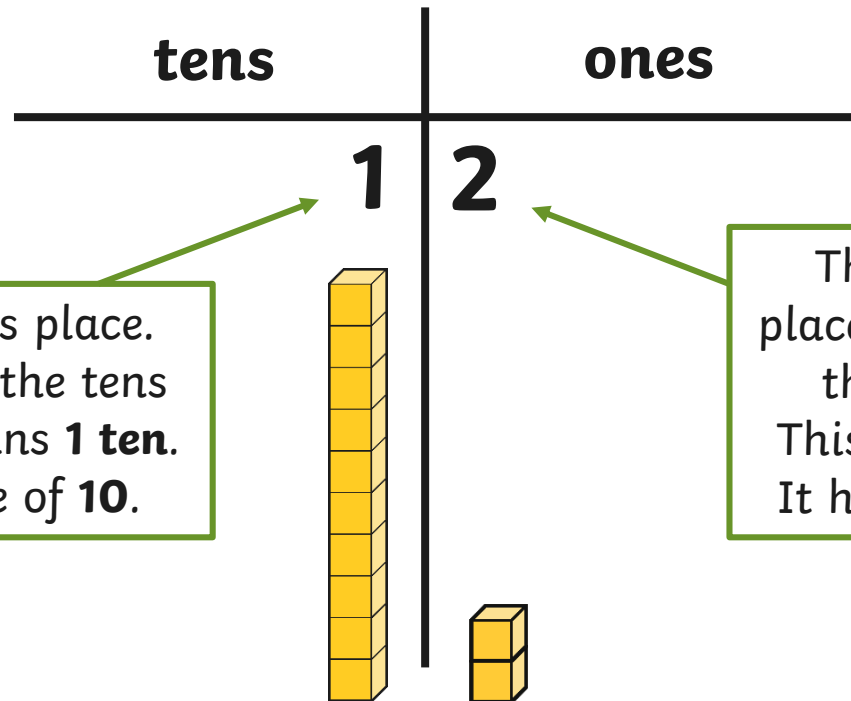
This is the tens place. There is a 1 in the tens place. This means **1 ten**. It has a value of **10**.

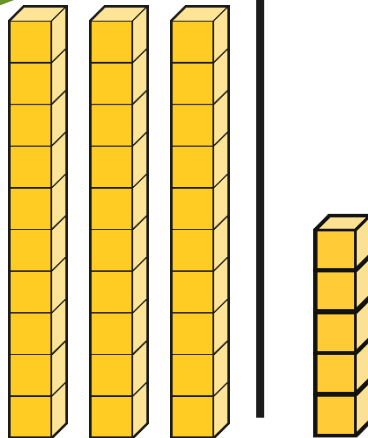This is the ones place. There is a 2 in the ones place. This means **2 ones**. It has a value of 2.

This is the number 12. The 1 shows we have 1 group of ten.
The 2 shows we have 2 extra ones.

Place Value

What do you know about this number?

tens | **ones**

2 | 6

This is the tens place.
There is a 2 in the
tens place.
This means **2 tens**.
It has a value of **20**.

This is the ones
place. There is a 6 in
the ones place.
This means **6 ones**.
It has a value of 6.
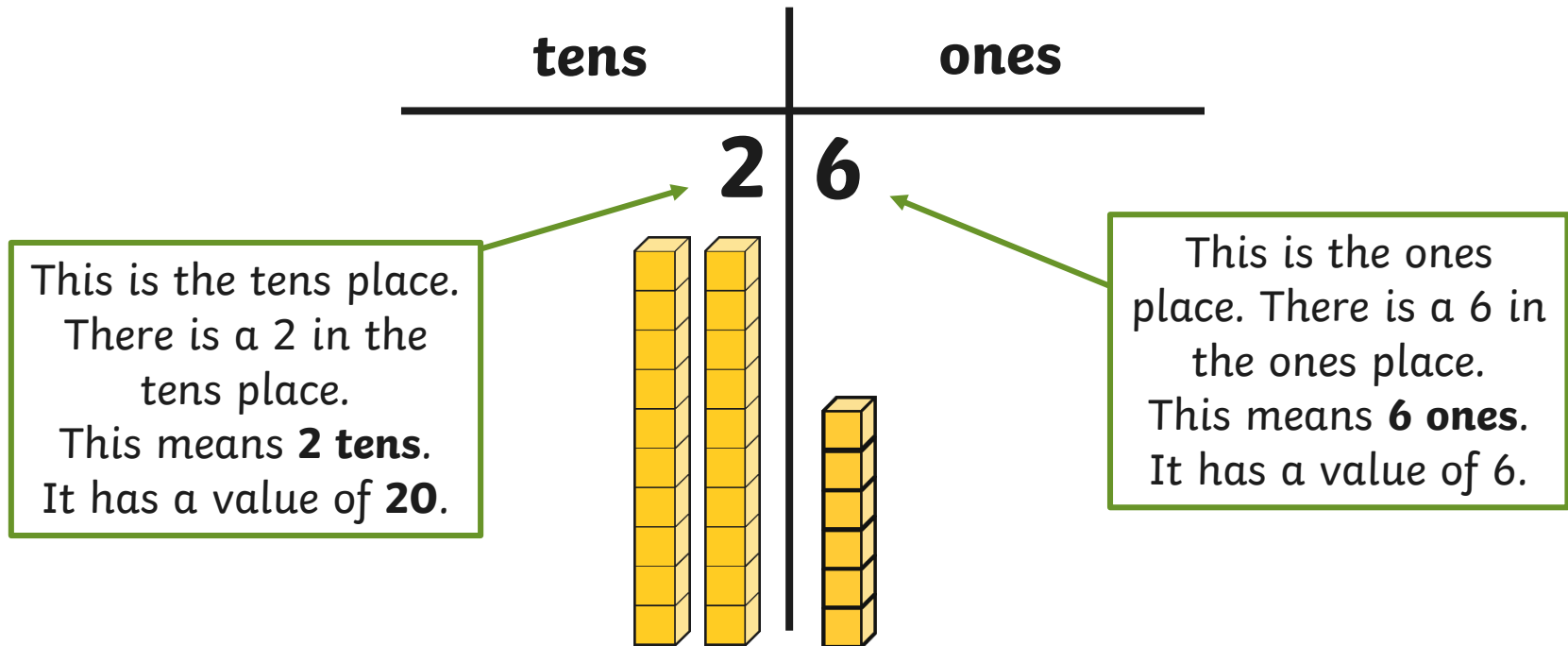
This is the number 26. The 2 shows we have 2 groups of ten.
The 6 shows we have 2 extra ones.
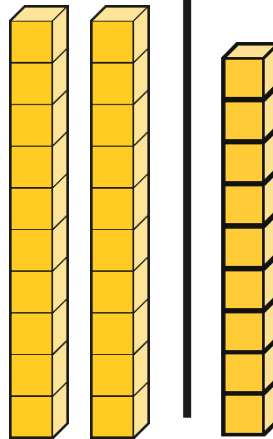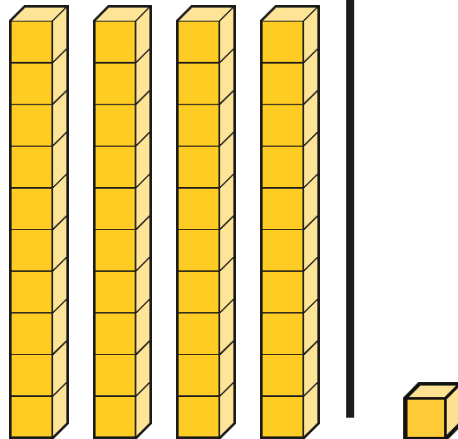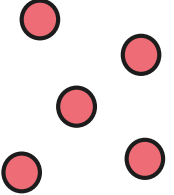
Place Value

What is the place?
What is the value?

What is the place?
What is the value?

tens   **ones**

3 | **5**

This is the tens place. There is a 3 in the tens place. This means **3 tens**. It has a value of **30**.

This is the ones place. There is a 5 in the ones place. This means **5 ones**. It has a value of 5.

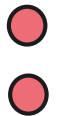This is the number 35. The 3 shows we have 3 groups of ten. The 5 shows we have 2 extra ones.

Place Value

What is the place?
What is the value?

What is the place?
What is the value?

tens   **ones**

2 | 9

This is the tens place. There is a 2 in the tens place. This means **2 tens**. It has a value of **20**.

This is the ones place. There is a 9 in the ones place. This means **9 ones**. It has a value of 9.

This is the number 29. The 2 shows we have 2 groups of ten. The 9 shows we have 9 extra ones.

Place Value

What is the place?
What is the value?

What is the place?
What is the value?

tens | **ones**

4 | **1**

This is the tens place. There is a 4 in the tens place. This means **4 tens**. It has a value of **40**.

This is the ones place. There is a 1 in the ones place. This means **1 ones**. It has a value of 1.

This is the number 41. The 4 shows we have 4 groups of ten. The 1 shows we have 1 extra one.

Place Value

Can you make these numbers with your equipment?

Which number has a 5 in the tens place and a 3 in the ones place?

53

Tens	Ones

Which number has a 2 in the tens place and a 6 in the ones place?
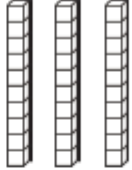
26

10 10
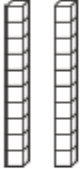
1
1
1
1
1
1
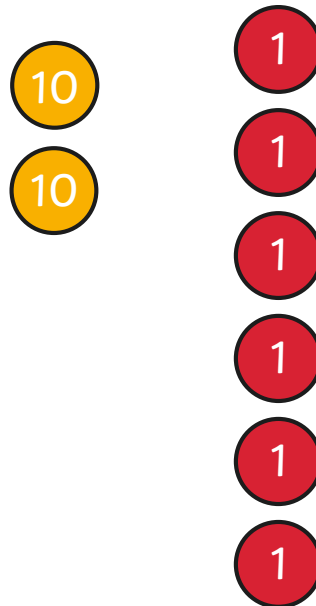
Which number has an 8 in the tens place a 2 in the ones place?

82

How Many Tens and Ones?
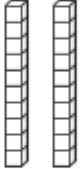
tens	ones
1	3

tens	ones

tens	ones
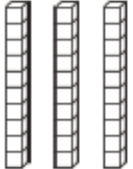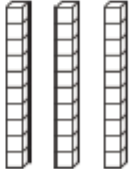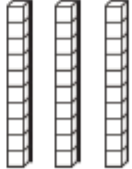
tens	ones

How Many Tens and Ones?

tens	ones

tens	ones

tens	ones

tens	ones

In your work book draw a tens and ones grid and fill in your answers! The first one is done for you.

Show Me

Show me a number that has...

a 9 in the ones place

four tens and two ones

a 6 in the tens place

two digits

a 3 in the tens place

one digit

seven tens and five ones

Can you explain your answer? Is there more than one way to make these numbers? Explain why.

Aim

- To say what each digit in a two-digit number represents.

Success Criteria

- I can identify the place value of each digit in a two-digit number.
- I can say what each digit represents in a two-digit number.
- I can read two-digit numbers.

twinkl