Name _____ Date _____

Making tens

10 ones make 1 ten. Tens make big numbers quick to count.

1 Learn

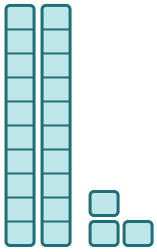


Counting lots of cubes one by one takes ages, and it's easy to lose count. Let's snap them into **tens**!



10 ones → **1 ten**

How many cubes?



Count the sticks in tens: **ten, twenty**. Then count on the ones: **twenty-one, twenty-two, twenty-three**.

Tens	Ones
2	3

2 tens and **3 ones**

20 + 3 = **23**

twenty-three

Flip's tip: in a 2-digit number, the **first digit** says how many **tens** (sticks). The **last digit** says how many **ones** (loose cubes).

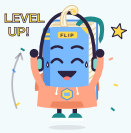
Warm up: count in tens. Fill the gaps.

10, 20, ____, 40, ____, 60, ____, 80

Grown-ups: read Flip's words aloud. Let your child touch each stick as they count "ten, twenty", then each loose cube. If they count every cube in a stick one by one, that's fine at first: then show that a stick is always 10.

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2 Try it together a child and a grown-up, about 10 minutes



Bundle it!

You need: a big handful of small things (dry pasta, buttons, cotton buds or straws) and some hair bands or small cups.

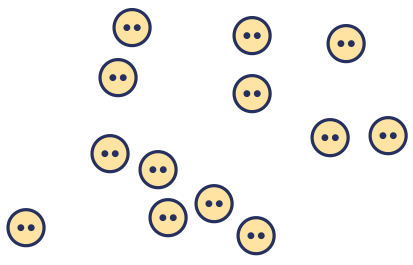
1. Tip out a big handful. **Guess** how many there are and write your guess.
2. Make **groups of 10**. Put a band round each group, or 10 in a cup.
3. Count the groups in tens: **"ten, twenty, thirty…"** Then count on the loose ones.
4. Write the tens, the ones and the number. Was your guess close?

Round	My guess	Tens	Ones	How many?
1				
2				
3				

Grown-ups: ask "Why is it quicker to count in tens?" (There are fewer things to count, and it's easy to check.) For round 3, make a number together, such as 4 tens and 7 ones, and say it: forty-seven.

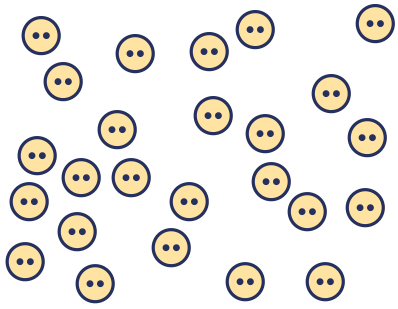
3 Practise

A. Draw a ring round each group of **10 buttons**. Then write how many.



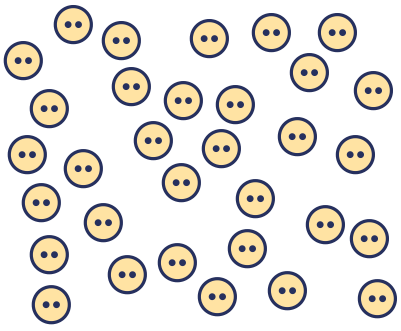
_____ tens _____ ones

= _____ buttons



_____ tens _____ ones

= _____ buttons



_____ tens _____ ones

= _____ buttons

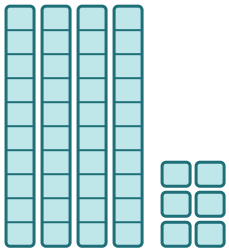
Tick each button as you count it, so you don't count it twice.

Making tens

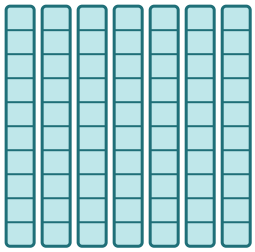
Scan to play this chapter in the game

Name _____ Date _____

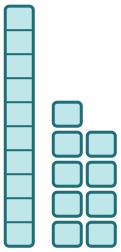
B. Each stick is **10**. Each small cube is **1**. How many cubes?



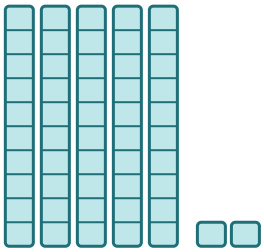
= _____



= _____



= _____



= _____

C. Quick draw: a **line** for each ten, a **dot** for each one.

Like this, 23: ||•••

34

58

D. Fill in the chart.

Number	Tens	Ones
67		
80		
9		
	9	4

Challenge

Ava has **2 tens** and **15 ones**. She says, "That's 215 cubes!" Is she right? How many cubes does she really have?

Hint: can you make another ten from the 15 ones?

I can... Tick when you can.

- ☐ make 1 ten from 10 ones
- ☐ count the tens first, then the ones
- ☐ say how many tens and ones are in a number up to 99