Name _____ Date _____

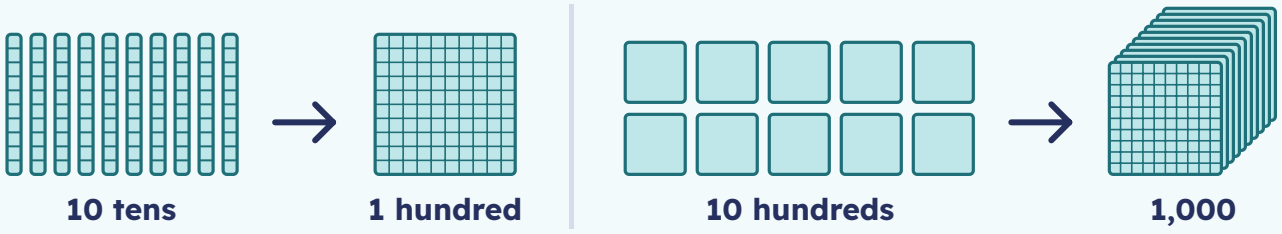
Ten tens make 100

10 tens make 1 hundred, and 10 hundreds make 1,000.

1 Learn



Swapping works for tens too! Swap **10 tens** for **1 hundred**. And **10 hundreds** make **1,000**!



Example: how many tens make 140?



Hundreds	Tens	Ones
1	4	0

140

1. Count the sticks in tens: 10, 20, 30… 140. There are **14 tens**.
2. Swap 10 tens for 1 hundred: 1 hundred and 4 tens. So 140 is **14 tens**, or **1 hundred and 4 tens**.

Flip's tip: for a number that ends in 0, cover the 0 to see how many tens. Cover the 0 in 14**0** and you see **14**: 14 tens.

Warm up: count in hundreds. Fill the gaps.

100, 200, ☐, 400, ☐, ☐, 700, ☐, ☐, 1,000

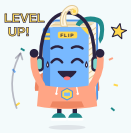
Grown-ups: ask "How many tens make 100?" and "How many hundreds make 1,000?" (10 each time.) 10 in one place make 1 in the next place to the left.

Ten tens make 100

Scan to play this chapter in the game

Name _____ Date _____

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



Make 100

You need: 100 small dry things (dried pasta, beans or buttons), 10 small cups or an egg box, and a bowl.

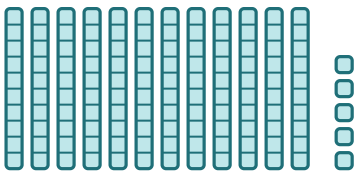
1. **Guess:** how many cups of 10 will you need to make 100? Write your guess: _____
2. Count **10** into each cup. Count the cups in tens: "ten, twenty, thirty… one hundred".
3. Tip all 10 cups into the bowl and say: **"10 tens make 1 hundred."** Was your guess right?
4. Fill the cups again. Put them in two rows of 5. Count the rows in 50s: **"fifty, one hundred"**.
5. Fill in the table. Use the cups to check.

Cups of 10	3	5	8	10	
How many?					60

Grown-ups: money works the same way: ten 10p coins make £1, which is 100p. If you have some 10p coins, count them in tens together.

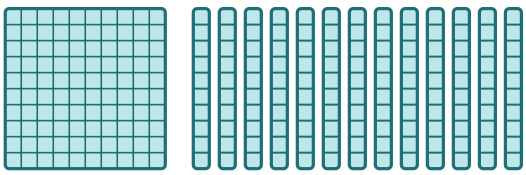
3 Practise

A. Draw a ring round **10 tens** to swap for a hundred. Then write the hundreds, tens and ones, and the number.



H	T	O

= _____



H	T	O

= _____

Ten tens make 100

Scan to play this chapter in the game

Name _____ Date _____

B. How many tens? How many hundreds?

140 = ☐ tens 200 = ☐ tens 350 = ☐ tens

600 = ☐ tens 1,000 = ☐ hundreds ☐ tens = 270

C. Count in 50s, then count back in 100s. Fill the gaps.

0, 50, 100, ☐, 200, ☐, 300, ☐, ☐, 450, 500

1,000, 900, ☐, 700, ☐, ☐, 400, ☐, 200

D. Draw a line to match each one to its number.

10 tens	**300**
10 hundreds	**100**
25 tens	**400**
4 hundreds	**1,000**
30 tens	**250**

Challenge

Mia says, "130 is **3 tens**, because the tens digit is 3." Is she right? How many tens make 130?

Hint: how many tens are in the hundred?

I can... Tick when you can.

- ☐ swap 10 tens for 1 hundred, and say that 10 hundreds make 1,000
- ☐ say how many tens are in a number like 140
- ☐ count in 50s and in 100s