Name _____ Date _____

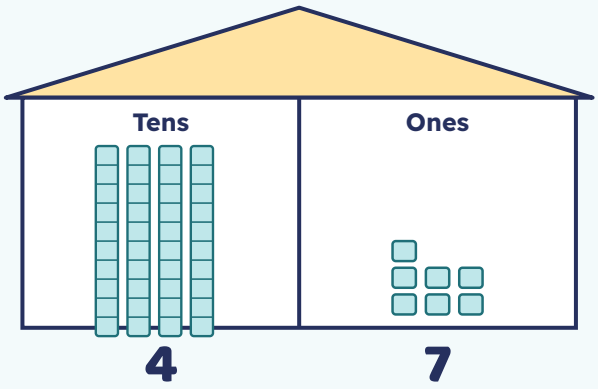
Tens and ones houses

Where a digit lives tells you what it's worth.

1 Learn



Every 2-digit number lives in a house with two rooms: the **Tens** room and the **Ones** room.



4 tens = 40

7 ones = 7

40 + 7 = **47**

forty-seven

Same digits, different numbers: the rooms make 35 and 53 different.

Tens	Ones
3	5

In **35**, the 3 is worth **30**.

Tens	Ones
5	3

In **53**, the 3 is worth **3**.

Flip's tip: swap the digits and you make a different number. Read the **Tens** room first.

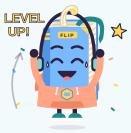
Warm up: how many tens and ones?

62 = ____ tens and ____ ones **19** = ____ ten and ____ ones

Grown-ups: point to each room as you read: "four tens, forty; seven ones, seven: forty-seven". If your child reads 47 as "four, seven", ask what the 4 is worth.

Name _____ Date _____

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



Card houses

You need: a sheet of paper, a pen, and 10 small cards or scraps of paper with 0 to 9 written on them.

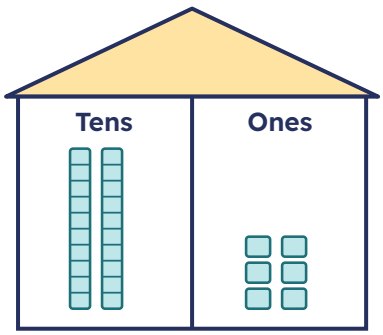
1. Fold the paper in half. Write **Tens** on the left half and **Ones** on the right.
2. Mix up the cards and pick two. Put one card in each room.
3. Read the number. Say what each digit is worth: **"5 tens is fifty, and 2 ones: fifty-two"**.
4. Swap the two cards. Read the new number. Which one is bigger?

My two cards	First number	Swapped	The bigger one

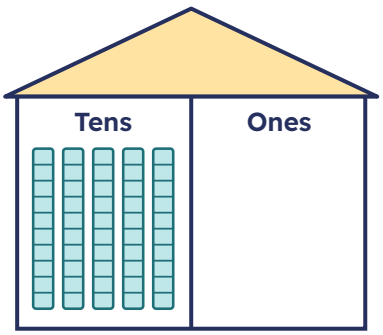
Grown-ups: if the 0 card goes in the Tens room, talk about it: 0 tens and 6 ones is just 6. Ask "How can we make the biggest number with these two cards?"

3 Practise

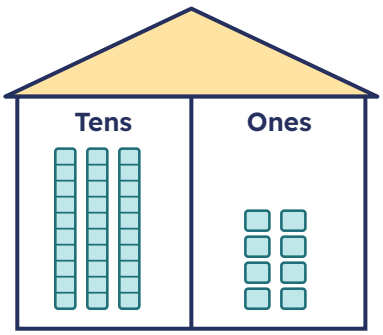
A. Count the tens and ones in each house. Write the number that lives there.



= _____



= _____



= _____

Tens and ones houses

Scan to play this chapter in the game

Name _____ Date _____

B. What is the **underlined** digit worth?

34 is worth _____	**7**1 is worth _____	**5**8 is worth _____
90 is worth _____	**1**6 is worth _____	**4**2 is worth _____

C. Fill the gaps.

6 tens and 3 ones = _____

80 + 2 = _____

57 = ____ tens and ____ ones

40 + ____ = 49

D. Use the two cards to make two numbers. Ring the bigger one.

2 **8** _____ and _____

6 **1** _____ and _____

Challenge

Leo says the 6 in **64** and the 6 in **46** are worth the same. Is he right? Explain how you know.

Hint: which room is the 6 in each time?

I can... Tick when you can.

- ☐ say what each digit in a 2-digit number is worth
- ☐ write a number from its tens and ones
- ☐ tell that 35 and 53 are different numbers