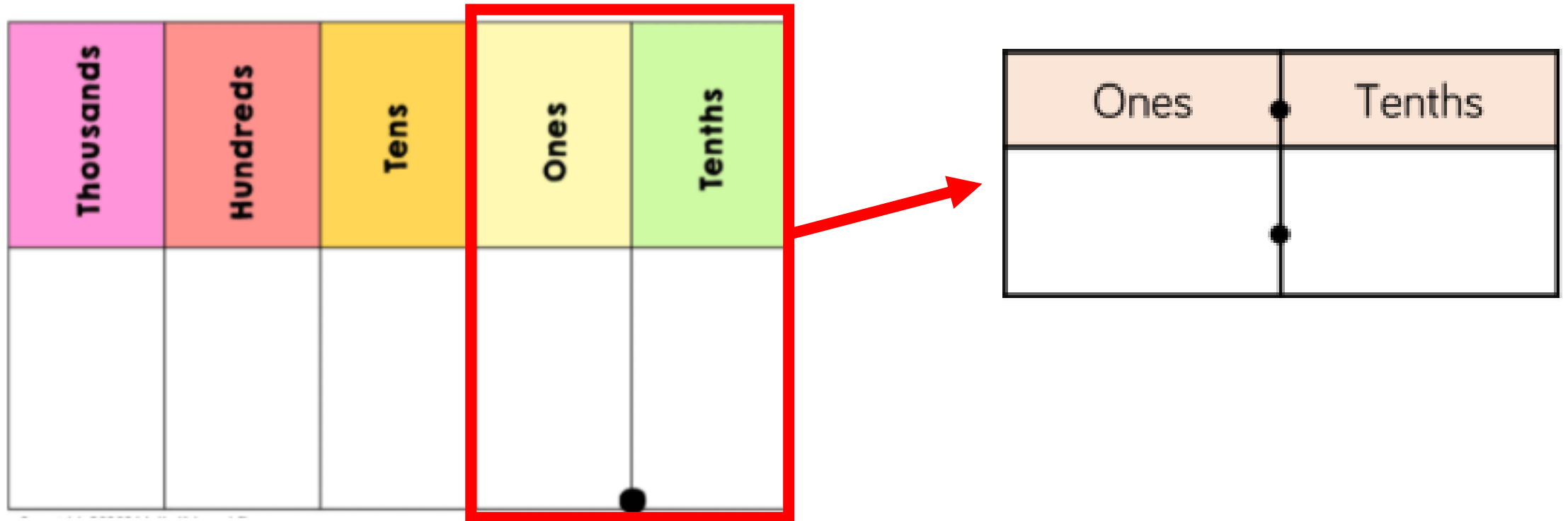


Year 4 Maths, 24/2/21

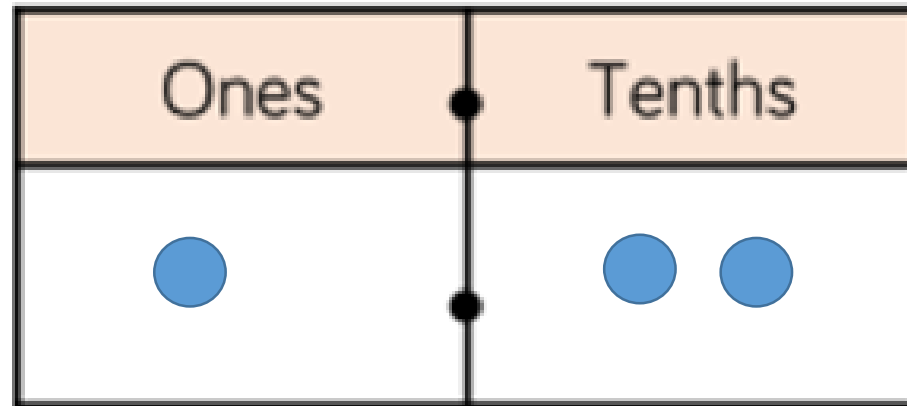
# RECALL

Yesterday we looked at tenths on a place value table. Today we are going to focus on just this bit of the table: ones and tenths.



Let's practise reading decimal numbers.

If possible, discuss the answers to these questions with someone at home.



How would you write this number using digits?

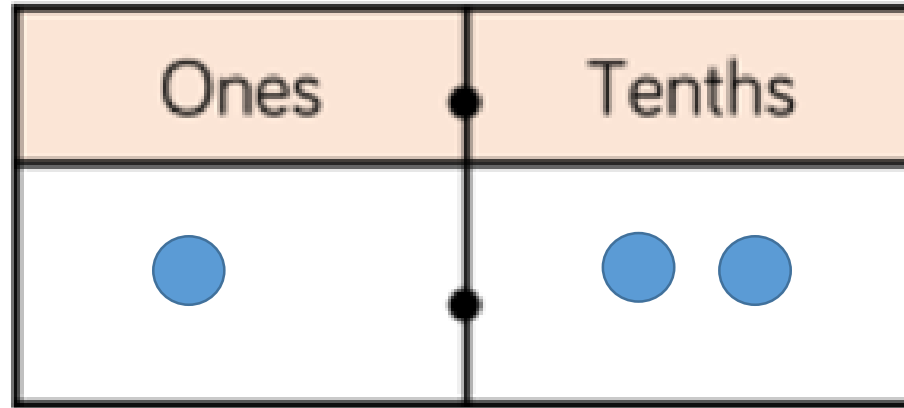
How many ones are there?

Why do we need to use the decimal point?

How many tenths are there?

How many tenths are equivalent to one whole?

## Answers



How would you write this number using digits?

**1.2**

How many ones are there? **one**

Why do we need to use the decimal point?

If we write the digits without the decimal (12) it says twelve. The decimal point separates the whole numbers from the bits of numbers.

How many tenths are there? **two**

How many tenths are equivalent to one whole?

Ten tenths are equal to one whole.

LO: I can make and write numbers on a place value grid.

SOME WILL EVEN experiment to find multiple answers to a 'tenths' question


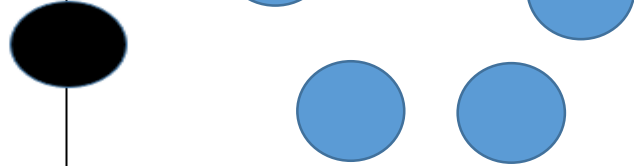
SOME will write additions with ones and tenths

MOST will write accurate sentences using stems provided

ALL will use a place value grid with ones and tenths

# Guided practice

In this lesson you will be showing and writing numbers that have ones and tenths. It may be helpful to print out the ones and tenths place value table.

ones	tenths
	

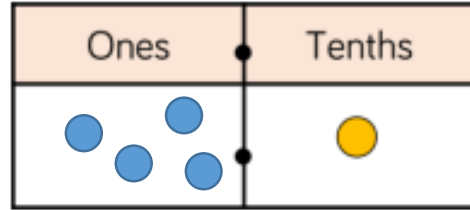
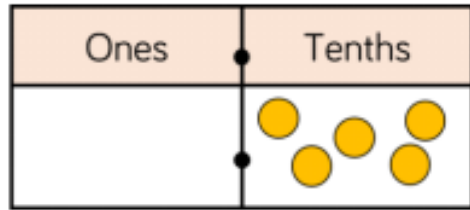
There are  ones and  tenths.

The decimal represented is

# INTELLIGENT PRACTICE

## One chilli

Complete the stem sentences for the decimals in the place value grid.



There are  ones and  tenths.

The decimal represented is

## Two chillies

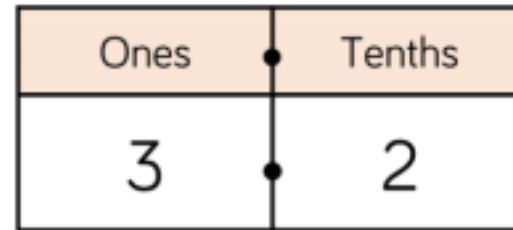
Draw place value grids to show:

1.7

5.2

8.8

## Three chillies



There are  ones and  tenths.  
 ones +  tenths  
 $= 3 + 0.2$   
 $= 3.2$

Use the place value grid and stem sentences to describe the decimals:

4.0

5.9

2.2

# INTELLIGENT PRACTICE answers

## One chilli

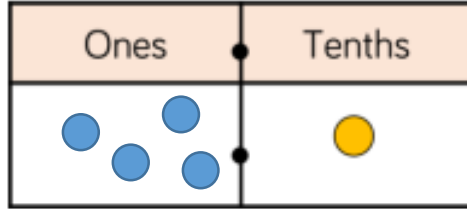
Complete the stem sentences for the decimals in the place value grid.



There are **0** ones and **5** tenths.

The decimal represented is

**0.5**



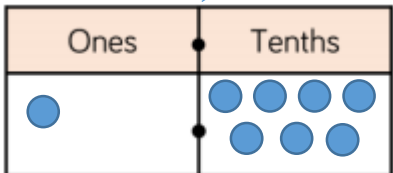
There are **4** ones and **1** tenths.

The decimal represented is

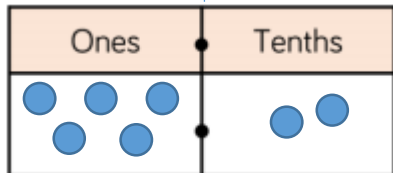
**4.1**

## Two chillies

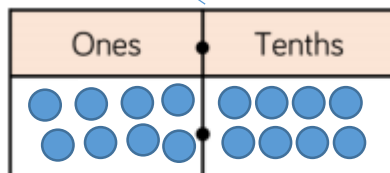
1.7



5.2

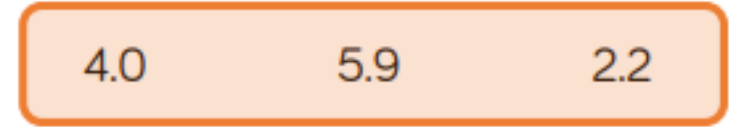


8.8



## Three chillies

Use the place value grid and stem sentences to describe the decimals:



4 ones and 0 tenths  
 $= 4 + 0$   
 $= 4.0$

5 ones and 9 tenths  
 $= 5 + 0.9$   
 $= 5.9$

2 ones and 2 tenths  
 $= 2 + 0.2$   
 $= 2.2$



# DIVE DEEPER

Use five counters and a place value grid. Place all five counters in either the ones or the tenths column.

How many different numbers can you make?

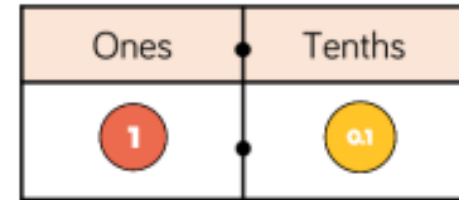
Describe the numbers you have made by completing the stem sentences.

There are  ones and  tenths.

ones +  tenths =



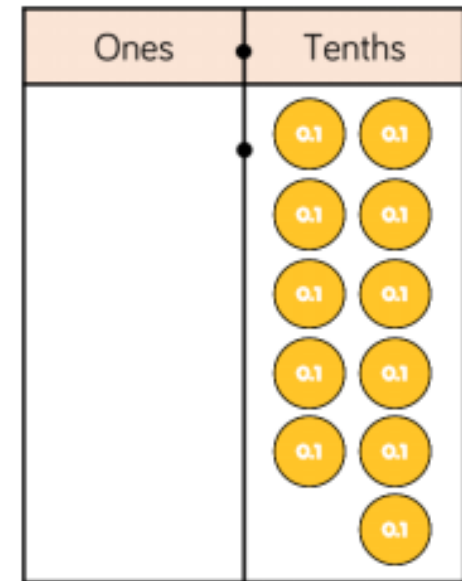
Two children are making eleven tenths.



Amir



Rosie



Who has made it correctly?  
Explain your answer.

# DIVE DEEPER answers

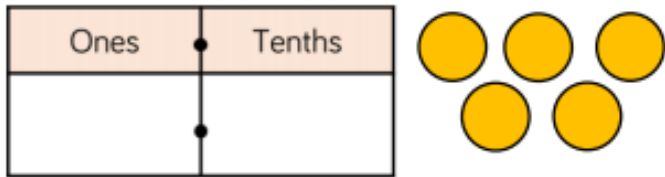
Use five counters and a place value grid. Place all five counters in either the ones or the tenths column.

How many different numbers can you make?

Describe the numbers you have made by completing the stem sentences.

There are  ones and  tenths.

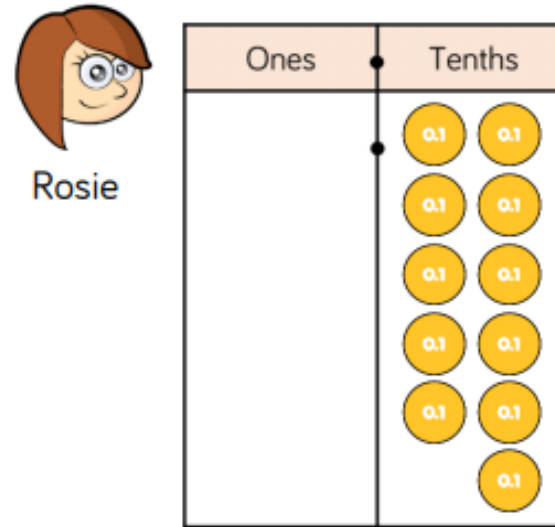
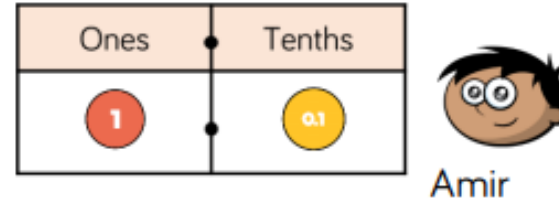
ones +  tenths =



Children can make:

- 0.5
- 1.4
- 2.3
- 3.2
- 4.1
- 5.0

Two children are making eleven tenths.



Who has made it correctly?  
Explain your answer.

Amir and Rosie have both made eleven tenths correctly. Amir has seen that 10 tenths is equivalent to 1 one.

# Self-assessment – how did you do?

SOME WILL EVEN experiment to find multiple answers to a 'tenths' question

Did you get the Dive Deeper questions right?

SOME will write additions with ones and tenths

Did you get the three chilli questions right?

MOST will write accurate sentences using stems provided

Did you correctly complete the sentences in chilli one?

ALL will use a place value grid with ones and tenths

Did you make numbers with the place value grid?