

Class 3 Home Learning, week beginning 11th May 2020

Maths - Year 4

Summer Term

Week 1 (w/c 20 April)

Lesson 2

Write decimals

Please watch the video before choosing your challenge.

Why not have a go at the reasoning
and problem solving too?

Can I write decimals?

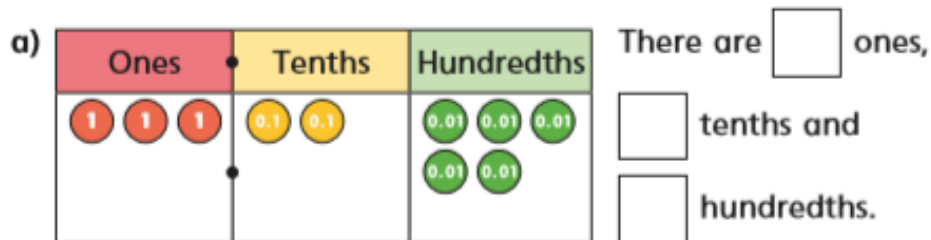
Challenge 1

These pages do not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too!

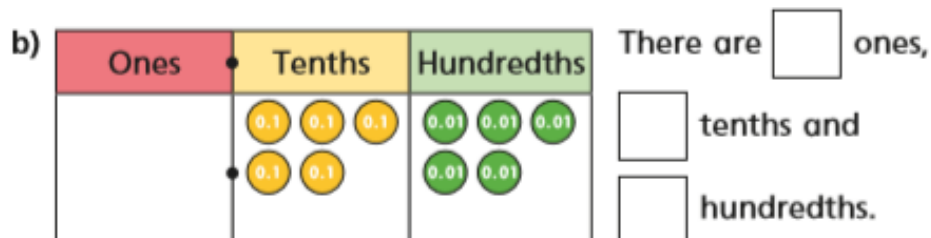
Questions 1-4 mentioned in the video are questions 1-4 in Challenge 1.

1) Copy and complete the sentences. You do not need to draw the place value tables.

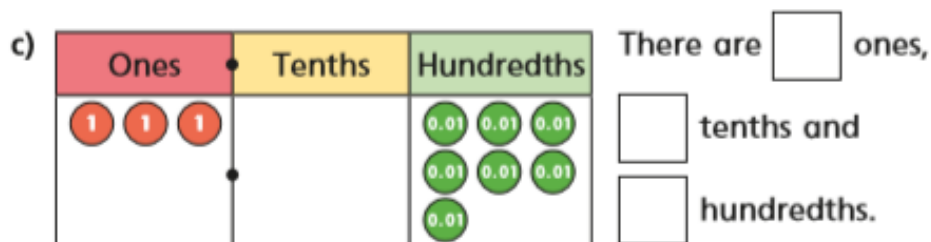
Complete the sentences to describe each number.



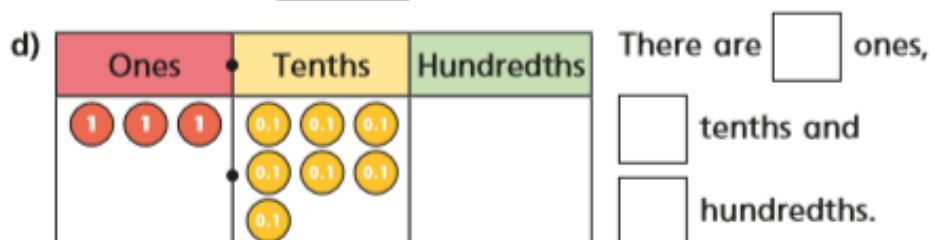
The number is



The number is



The number is



The number is

2) Please draw a place value table for each question. Then, in words, write the value of each digit that is underlined.

a) 6.31 _____

b) 12.09 _____

c) 0.07 _____

d) 56.82 _____

3) Please explain your answer in writing.

Alex says the number on the place value chart is 3.4

Ones	Tenths	Hundredths
● ● ●		● ● ● ●

Do you agree with Alex? _____

4) Please write the full number for each question in your maths book. You do not need to draw the place value tables.

Fill in the zeros needed as placeholders for each number.

a)

T	O	Tths	Hths
3	2	●	4

d)

T	O	Tths	Hths
		● 5	

b)

T	O	Tths	Hths
	2	●	4

e)

T	O	Tths	Hths
	2	●	

c)

T	O	Tths	Hths
		●	4

f)

T	O	Tths	Hths
3		● 5	

Can I write decimals?

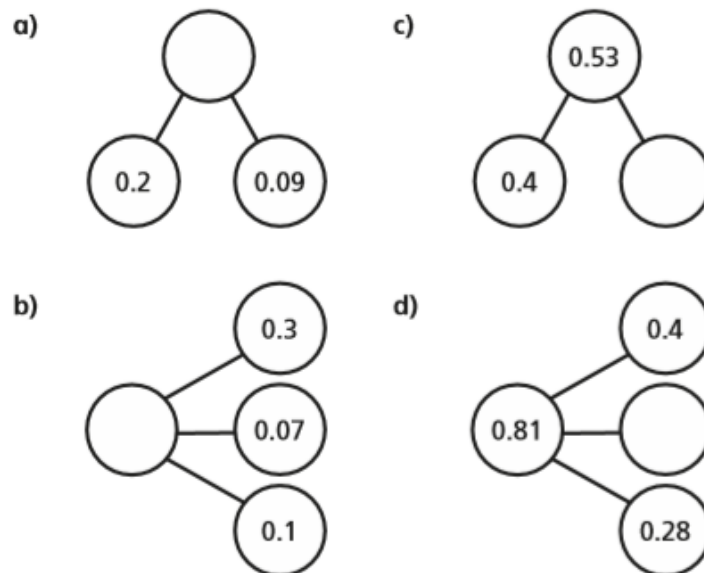
Challenge 2

These pages do not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too!

Questions 1-4 mentioned in the video are questions 1-4 in Challenge 1.

Questions 5-8 in the answers are questions 1-4 in this challenge.

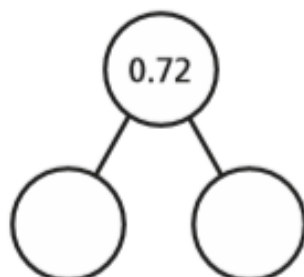
1) Copy and complete.



2) Please write your answers in your maths book..

Here is a part-whole model.

Partition 0.72 in three different ways and complete the number sentences.



$$\boxed{} + \boxed{} = 0.72$$


$$\boxed{} + \boxed{} = 0.72$$

$$\boxed{} + \boxed{} = 0.72$$

3) Is Eva correct? Please explain in writing why or why not.

Eva is asked to show 10 tenths on a place value chart.

Here is her answer.

Ones	Tenths	Hundredths
		

4) Please write your answers in your maths book. Also show any working out in your maths book.

Here are five number cards.

Annie, Rosie, Jack, Dora and Whitney take one card each.

0.06	0.4	0.2	0.05	0.03
------	-----	-----	------	------

Use the clues to work out which number they each have.

My number has 5 hundredths.

My number is twice as much as Dora's.

My number has 2 zero place holders.

My number is more than Jack's.

My number is less than Jack's.

Annie

Rosie

Jack

Whitney

Dora

Annie	<input type="text"/>	Dora	<input type="text"/>	Whitney	<input type="text"/>
Rosie	<input type="text"/>	Jack	<input type="text"/>		

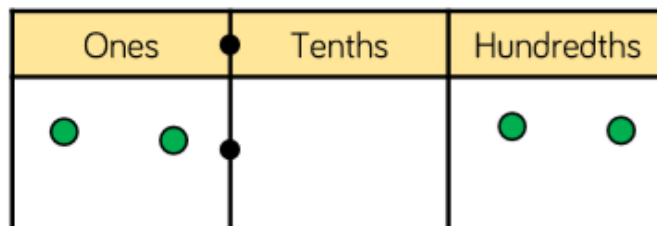
Can I write decimals?

Reasoning and problem solving

This page does not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too!

1) Please explain in writing why you do or do not agree.

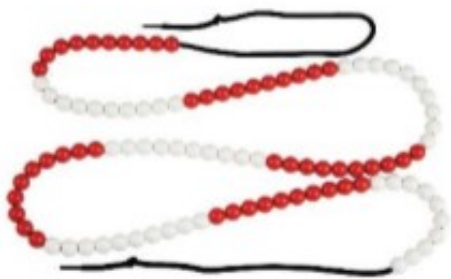
Annie thinks the number shown is 2.2



Do you agree with Annie?

2) Please explain in writing why you do or do not agree.

Mo is told that this bead string represents one whole.



He thinks that each individual bead represents one tenth.

Do you agree with Mo?

3) Please try to write down which steps you took to solve this question.

Match each description to the correct number.



My number has the same amount of tens as tenths.

Teddy



My number has one decimal place.

Amir



My number has two hundredths.

Rosie



My number has six tenths.

Eva

46.2

2.64

46.02

40.46

Answers are on the next page.

Write Decimals

Reasoning and Problem Solving

Annie thinks the number shown is 2.2

Ones	Tenths	Hundredths
● ●	●	● ●

Do you agree with Annie?
Explain your answer.

Mo is told that this bead string represents one whole.



He thinks that each individual bead represents one tenth.
Do you agree with Mo?
Explain your answer.

No because Annie has not included the place holder.
The number shown is 2.02

Mo is incorrect because there are 100 beads altogether on the bead string.
Each individual bead is worth one hundredth.

Match each description to the correct number.



Teddy

My number has the same amount of tens as tenths.



Amir

My number has one decimal place.



Rosie

My number has two hundredths.



Eva

My number has six tenths.

Teddy: 40.46

Amir: 46.2

Rosie: 46.02

Eva: 2.64

46.2

2.64

46.02

40.46