

Maths Home Learning

Week 3

There will be 5 Maths lessons. Friday's lesson is a challenge lesson.

If you see a pencil on the slide, it means you need to answer the questions by writing them down.



Maths Home Learning

If the links don't work when you click on them in the powerpoint. Copy and paste the link into google.

Monday

L.O. I am learning to make a whole

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Flashback 4 Year 4 | Week 3 | Day 1

1) Divide 32 by 100

2) What number is represented on the grid?

Ones	Tenths	Hundredths
●	●●●●	●●●●

3) Write $\frac{3}{10}$ as a decimal.

Lesson 1 - Step 1 - Make a whole

4) What is 1,000 less than 8,793?

White Rose

<https://whiterosemaths.com/homelearning/year-4/>

1. Click the link and watch the video make a whole.
2. Have a go at the examples on the website.

L.O. I am learning to make a whole.



Your task for today is on the link below. Try to complete as much as possible. If you get stuck. Look back at the video for help.

You don't need to print the sheet you can just write the answers down in your book or on a piece of paper.

Try your best!

Make a whole

1 Here is a hundred square.

a) How many hundredths are shaded?

b) How many more hundredths do you need to shade so that the whole hundred square is shaded?

c) Complete the sentence.
 hundredths + hundredths = 1 whole

2 Here is a Rekenrek with 100 beads.
Each bead is one hundredth of the whole.

3 Fill in the missing digits.

a) 1 tenth = hundredths d) 32 hundredths =

b) $\frac{2}{10} = \frac{\text{ }{100}$ e) 0.4 = tenths

c) 70 hundredths = tenths f) 50 hundredths =

4 Dora has shaded 4 tenths of a hundred square.

I need to shade 96 more squares to fully shade it.

Do you agree with Dora?

Explain your reasoning.

5 Complete the part-whole models.

a) c)

<https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/homelearning/year-4/Lesson-1-Y4-Summer-Block-1-WO1-Make-a-whole-2020.pdf>

L.O. I am learning to make a whole.

Answers

Here are the answers for the task today. Click on the link below for them.

Use these to check your understanding.

<https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/homelearning/year-4/Lesson-1-Y4-Summer-Block-1-ANS1-Make-a-whole-2020.pdf>

Tuesday

L.O. I am learning to write
decimals


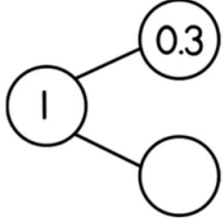
L.O. I am learning to write decimals.

Flashback

Press Esc to exit full screen

Year 4 | Week 3 | Day 2

1) Complete the part-whole model.



2) Write $\frac{17}{100}$ as a decimal.

3) How many tenths are equivalent to $\frac{90}{100}$?

4) Find the total of 3,476 and 964

<https://whiterosemaths.com/homelearning/year-4/>

1. Click the link and watch the video write decimals.
2. Have a go at the examples on the video.

L.O. I am learning to write decimals .



Your task for today is on the link below. Try to complete at least up to question 4. If you get stuck. Look back at the video for help.

Challenge: complete up to question 8

You don't need to print the sheet you can just write the answers down in your book or on a piece of paper.

Try your best!

The screenshot shows a worksheet titled "Write decimals" with two columns of questions. The left column contains questions 1, 2, and 3, each with a place value chart (Ones, Tenths, Hundredths) and a number to be written. The right column contains questions 4, 5, and 6, each with a place value chart and a number to be written. The worksheet is from a PDF document titled "Lesson-2-Y4-Summer-Block-1-WO2-Write-decimals-2020.pdf".

Write decimals

1. Make the number represented on each of the place value charts. Complete the sentences to describe each number.

a)

Ones	Tenths	Hundredths
4	2	5

 There are ones, tenths and hundredths. The number is

b)

Ones	Tenths	Hundredths
1	3	4

 There are ones, tenths and hundredths. The number is

c)

Ones	Tenths	Hundredths
2	1	6

 There are ones, tenths and hundredths. The number is

2. Make each number on a place value chart. Write the value of the underlined digit.

a) 6.31

b) 12.09

c) 0.07

d) 56.82

3. Alex says the number on the place value chart is 3.4

Ones	Tenths	Hundredths
3	4	

Do you agree with Alex?

Explain your answer.

4. Fill in the zeros needed as placeholders for each number.

a)

Ones	Tenths	Hundredths
1	2	5

d)

Ones	Tenths	Hundredths
2	1	6

<https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/homelearning/year-4/Lesson-2-Y4-Summer-Block-1-WO2-Write-decimals-2020.pdf>

L.O. I am learning to write decimals.

Answers

Here are the answers for the task today. Click on the link below for them.

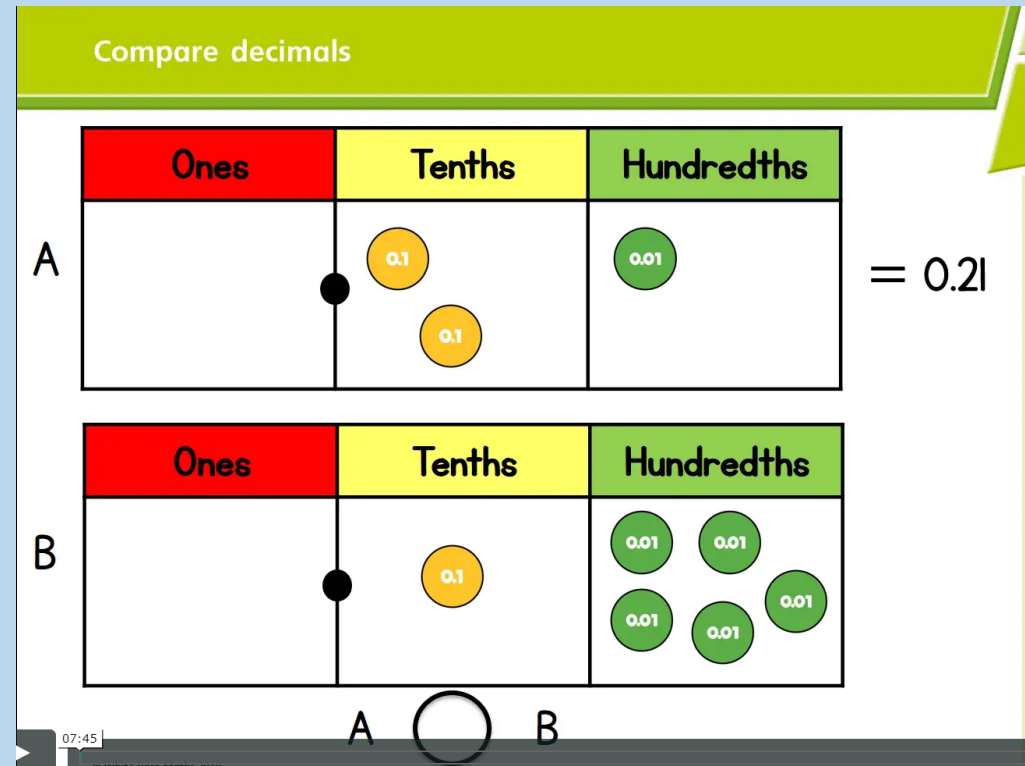
Use these to check your understanding.

<https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/homelearning/year-4/Lesson-2-Y4-Summer-Block-1-ANS2-Write-decimals-2020.pdf>

Wednesday

L.O. I am learning to compare
decimals

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<https://whiterosemaths.com/homelearning/year-4/>

1. Click the link and watch the video compare decimals
2. Have a go at the examples on the video.

L.O. I am learning to compare decimals.



Your task for today is on the link below. Try to complete at least up to question 5. If you get stuck. Look back at the video for help.

Challenge: complete up to question 8

You don't need to print the sheet you can just write the answers down in your book or on a piece of paper.

Try your best!

Compare decimals

1 Write < or > to compare the decimals.

a)

O	Tths	Hths
	0	0

O	Tths	Hths
0	0	0

b)

O	Tths	Hths
0	0	0

O	Tths	Hths
0	0	0

c)

O	Tths	Hths
0	0	0

O	Tths	Hths
0	0	0

d)

O	Tths	Hths
0	0	0

O	Tths	Hths
0	0	0

2 Write < or > to compare the decimals.

a)

O	Tths	Hths
7	6	8

O	Tths	Hths
7	0	2

b)

O	Tths	Hths
3	2	5

O	Tths	Hths
3	9	6

c)

O	Tths	Hths
0	4	1

O	Tths	Hths
0	2	9

d)

O	Tths	Hths
1	0	3

O	Tths	Hths
1	2	0

e)

O	Tths	Hths
2	7	2

O	Tths	Hths
2	7	1

3 Complete the place value charts to make the statements correct.

a)

O	Tths	Hths

O	Tths	Hths

<https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/homelearning/year-4/Lesson-3-Y4-Summer-Block-1-WO3-Compare-decimals-2020.pdf>

L.O. I am learning to compare decimals.

Answers

Here are the answers for the task today. Click on the link below for them.

Use these to check your understanding.

<https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/homelearning/year-4/Lesson-3-Y4-Summer-Block-1-ANS3-Compare-decimals-2020.pdf>

Thursday

L.O. I am learning to order
decimals

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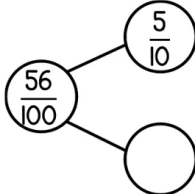
Flashback 4 Year 4 | Week 3 | Day 4

1) What is the value of the underlined digit?

0.47

2) Calculate $7 \div 10$

3) Complete the part-whole model.



4) Write 84 in Roman Numerals.

White

<https://whiterosemaths.com/homelearning/year-4/>

Click the link and watch the video compare decimals and try the examples on the video.

L.O. I am learning to compare decimals.



Your task for today is on the link below. Try to complete at least up to question 4. If you get stuck. Look back at the video for help.

Challenge: complete up to question 9

You don't need to print the sheet you can just write the answers down in your book or on a piece of paper.

Try your best!

Order decimals

1 Here are four numbers on place value charts.

a) What number is represented in each place value chart?

A

Ones	Tenths	Hundredths
1 1 1	0.1	0.01 0.01 0.01

B

Ones	Tenths	Hundredths
1 1 1 1	0.1	0.01 0.01 0.01

C

Ones	Tenths	Hundredths
1 1 1	0.1	0.01 0.01 0.01

2 a) Write digits to show the number represented in each place value chart.

O	Tths	Hths
1	0.1 0.1 0.1	0.01 0.01

O	Tths	Hths
1 1	0.1 0.1	0.01 0.01 0.01 0.01

b) Write the numbers in ascending order.

3 Write the numbers in descending order.

1.42 4.12 1.24 2.41

<https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/homelearning/year-4/Lesson-4-Y4-Summer-Block-1-WO4-Order-decimals-2020.pdf>

L.O. I am learning to compare decimals

Answers

Here are the answers for the task today. Click on the link below for them.

Use these to check your understanding.

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Friday

Decimal Challenge Friday

This week in maths we have been doing lots of work on decimals. Today there will be some challenges on decimals for you to have a go at. You can choose one that you would like to complete. If you like you can have a go at them all. It is up to you!

The first challenge is called Spiralling decimals - You don't need to print the sheet you can draw it out. Also you need a partner for this challenge.

Click on the link below

<https://nrich.maths.org/10326>

Spiralling Decimals

Age 7 to 14 ★★

Have you noticed that some very long numbers are very big whilst other very long numbers are small? Can you think of an example of each?

Here's a game where you can test your skill at putting small numbers into the right order - it's not as easy as it sounds!

How to play

You need a partner, [a copy of the game board](#), and two different coloured pencils. Decide who goes first.

Take turns to choose a number from the grid and mark it on the spiral. Make sure you know where 0 and where 1 is!

Keep taking turns until one of you has marked three numbers next to each other.

0.5	0.25	0.75	0.3
0.35	0.9	0.99	0.999
0.1	0.01	0.05	0.79
0.64	0.32	0.54	0.865

The second challenge is called Decimal Place Value Riddles - You don't need complete every riddle maybe choose 2 or 3. Maybe you could ask a riddle to an older sibling or a parent/carer. The answers are on the next slide!

Decimal Place Value Riddle

What is the number?

- the number has 2 digits
- the number is less than 10
- the tenths digit is 1 more than the ones digit
- the digits add up to 7

1

Decimal Place Value Riddle

What is the number?

- the number has 2 digits
- the number is more than 5
- the ones digit is more than double the tenths digit
- the digits add up to 11
- the ones digit is even

2

Decimal Place Value Riddle

What is the number?

- the number has 3 digits
- the number is less than 30
- the tenths digit is equal to the sum of the tens and ones digits
- the number has odd and even digits
- the number is greater than 20
- the ones digit is half of 10

3

Decimal Place Value Riddle

What is the number?

- the number has 3 digits
- the number is greater than 70
- the sum of the tens and ones digits is 10
- none of the digits are greater than 7
- the tenths digit is one less than the tens digit

4

Decimal Place Value Riddle

What is the number?

- the number has 3 digits
- the number is less than 10
- one of the digits is a 0
- the sum of all the digits is 9
- add 0.98 to the number to get a whole number

5

Decimal Place Value Riddle

What is the number?

- the number has 3 digits
- the number is less than 5
- the ones digit is half of the tenths digit
- one of the digits is a 1
- two of the digits are even
- the number is greater than 3

6

Riddle Answers!

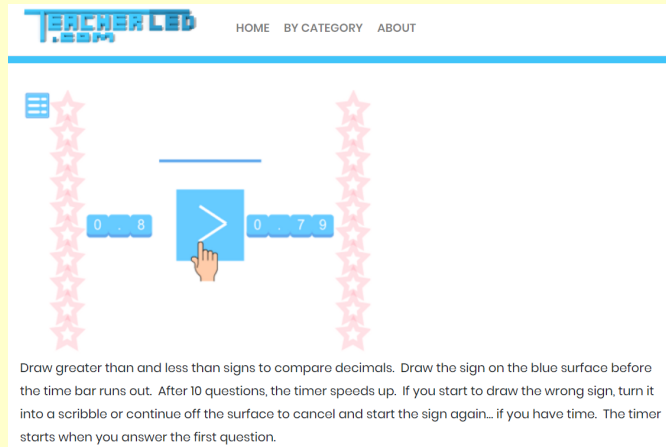
Answers

1. 3.4
2. 8.3
3. 25.7
4. 73.6
5. 7.02
6. 4.81

How did you do?

The third challenge is an online decimals game. You have to draw in the greater than/smaller than sign before the timer runs out!

Click on the link below to play the game



<https://www.teacherled.com/iresources/decimals/comparedecimals/>