



HOME LEARNING

YEAR 4

24/04/2020

Morning Message

Good morning Year 4!

In maths, we will still be learning about decimals. Today, we will focus on hundredths.

The answer to yesterday's riddle is **mirror**. Did you get it?

Here is a riddle to get your brains working this Friday morning. I'm tall when I'm young, and I'm short when I'm old. What am I?

Stay home, stay safe and have a wonderful weekend.

Mr Sowa, Ms Greenaway and Ms Foster

Today's Picture



Writing

Today's task is to **design a poster** to **inform people** about how they can help save the planet. You could design and make your poster on Purple Mash if you prefer to use one of the design or drawing programmes.

Wednesday 22nd April was 'Earth Day'. This was a day when we think about how we can protect the earth's resources and help prevent climate change.

Think about:

How people can help protect the earth. These could be small actions such as recycling, planting a tree, conserving water or buying second hand clothes and toys.

Remember:

Your poster needs to **inform** people about what they can do to help protect the earth. You could include:

- **A title or slogan**
- **Bright colours**
- **Pictures**

Suggestions for how to help the earth- **recycling, reusing, reducing waste** etc

Reading

Home Reading Task:

Day 5

Friday-

In your home learning book write today's date in the margin.

Write Reading- Day 5 Character description. – Bavar

Re-read the text- highlight or make notes of any words that describe the appearance of Bavar then highlight or copy words that describe his actions or behaviour.

1. Write the character's name, underline it (with a ruler). Write a description.
2. Tip-Remember when we describe a character, **we describe**
3. What they look like (appearance)-**tall/short/boy/girl/their age/hair/nose/clothes....**
4. Then their personality- (**their actions, how they do things**).
5. Do they move quickly or slowly?
6. Do they think before they act?
7. Are they **kind, thoughtful, helpful**?
8. Remember to write in full sentences, use examples from the text and check your work after you have finished to check every sentence makes sense.

Children to access **Accelerated Reader** whilst at home. Try and complete one reading test a week.

Please follow the link below to the exact same page as the children have seen in school:

<https://ukhosted3.renlearn.co.uk/1922510/Public/RPM/Login/Login.aspx?srcID=s>

Maths

Year 4 Power Maths

Pages 138 - 140

24-4-20

Hundredths

In this Lesson you will learn about decimal point, tenths, hundredths and thousandths columns.

Key vocabulary: **tens, tenths, hundredths, thousandths, ones, decimal point, centimetre, equivalent, less than, greater than, decimal and millimetre.**

Oral starter:

Q1: **.45** is written like:

- a) forty-five tenth b) forty-five c) forty-five hundredths d) forty-five hundred

Q2: Which of the decimals is equivalent (or equal) to **.50**?

- a) .50 b) .55 c) .5 d) 50

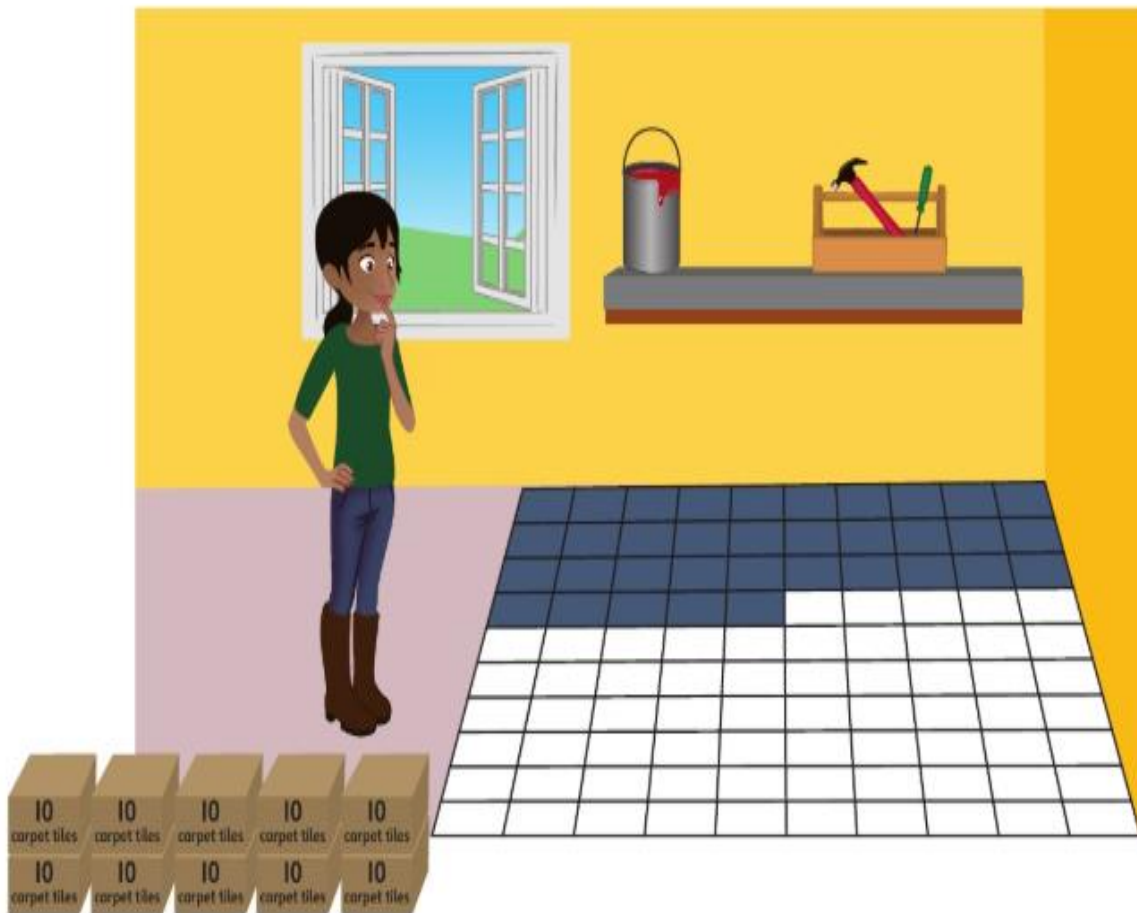
Q3: Which is equivalent to five and eight tenths?

- a) 5.8 b) 5.08 c) 58.10 d) 5.810

Challenge: How could you write it as a mixed number?

Remember that 10 hundredths are equal to 1 tenth.

Discover



1 a) What fraction of the floor has been carpeted?

Write this as a decimal.

b) 8 more tiles are placed down. How much of the floor has been carpeted now?

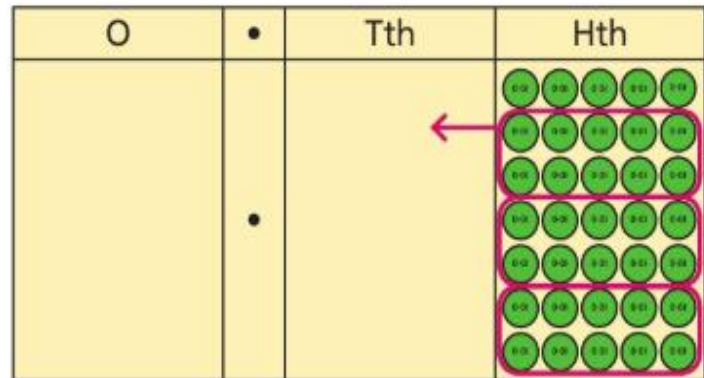
Write this as a fraction and as a decimal.

Share

a) There are 100 squares altogether.

35 of the 100 squares have carpet on them.

This is $\frac{35}{100}$, or 0.35.



$\frac{35}{100}$ or 0.35 of the floor has been carpeted.

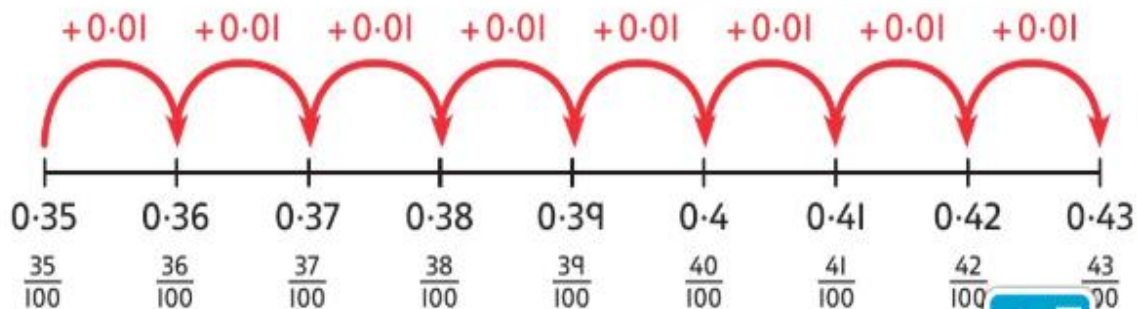


I know the 3 represents the number of complete rows of carpet tiles in the grid, and the 5 represents the other tiles.



b) 8 hundredths more than 35 hundredths is 43 hundredths.

I will try counting on in hundredths on a number line.



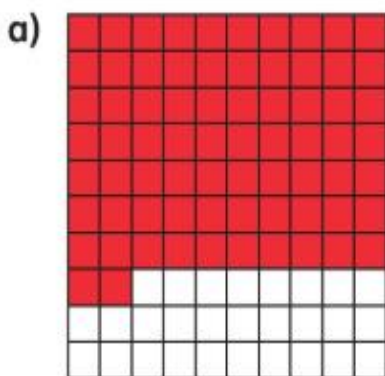
This is $\frac{43}{100}$ or 0.43.

$\frac{43}{100}$ or 0.43 of the floor has been carpeted now.



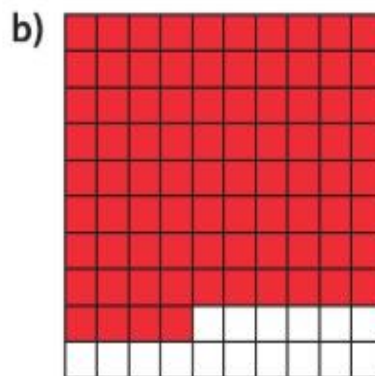
Think together

1 What decimal does each of the hundredths grids show?



squares are shaded.

This is $\frac{\text{}}{100}$ or $0.\text{}$.



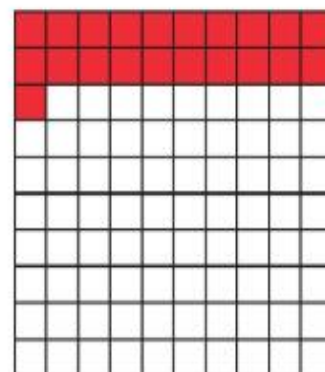
squares are shaded.

This is $\frac{\text{}}{100}$ or $0.\text{}$.

2 In this hundredths grid, 0.21 of the whole is shaded.

a) Tom shades 9 more squares. What fraction and decimal equivalent of the grid is shaded now?

$0.\text{}$, or $\frac{\text{}}{\text{}}$



b) How many more squares does Tom need to shade on the grid above to make $\frac{25}{100}$?

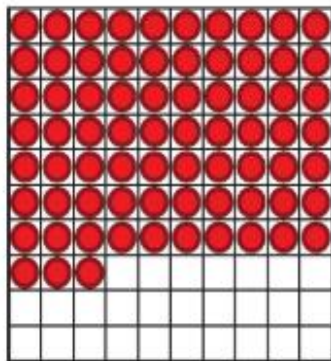
Tom needs to shade more squares.

CHALLENGE

3 Aki has 100 counters in a bag.

He drops the bag and loses some counters.

To help him to see how many counters he has lost, Aki places the ones he still has on a hundredths grid.



I thought that finding $70 + \square = 100$
and $3 + \square = 10$ would help me, but
I am not sure I am right.

- a) How many counters has Aki lost?
b) How can this be written as a fraction
and as a decimal?

This is $\frac{\square}{100}$, or $0.\square\square$



I can use my understanding of
part-wholes to work out how
many counters were lost.

- Please practice your **timetables**. (Purple mash- Monster multiplication)

Tuesday and Thursday: Go on the Mathletics website to complete the tasks that have been set. <https://www.mathletics.com/uk/>

Weekly Spellings

Spelling focus for the week: We are revising the statutory spelling words for Year 4.

experience	occasionally	antique
length	crescent	strength
medicine	separate	possession
weight	straight	potatoes
naughty	reign	disappear

You should know what the word means and be able to use it in a sentence.

Foundation Work (for the week)

Now go to: <https://www.childrensuniversity.manchester.ac.uk/learning-activities/science/teeth-and-eating/build-a-mouth/> and build a mouth using all the correct teeth.

There may be other things you want to look at on this website to learn all about teeth.

Now log into **Purple mash-2Dos**.

There will be a 2do task called Healthy teeth

1. Drag a picture from the right hand side into each of the picture boxes on the main sheet (fact file) and add the correct title from the left hand box. Add in some information about each of the pictures.
2. Remember you can use your notes and drawings that are in the home learning book in the work that you have just done.
3. When you have completed your fact file save it in your file and press share with teacher and if you want us to add it to the class display press share and I will add it for you after we have checked it.
4. Good luck and we look forward to marking all your work in our teachers file on Friday.

Diary

Write a diary of what work and activities you did today.
Remember to include your **emotions and opinions**.