

Year 5 (April & May Grid)

Please remember to read every single day. Every child has access to BugClub and Reading Plus online. Also please remember to check out Edshed for a range of activities as well as espresso and purple mash. Other websites/apps to check out are BBC Bitesize, Iseemaths, Khan Academy, PE umbrella, premier league stars & hit the button. The Right of the fortnight: Article 1: Everyone under the age of 18 has all the rights in the convention

Day One	Day Two	Day Three	Day Four	Day Five
<p>This term we are reading 'The Boy at the back of the Class' by Onjali Q. Raúf. Onjali Q. Raúf is an award winning and best selling children's author and activist. In the video below Onjali Q. Raúf reads the first chapter of The Boy at the Back of the Class. Watch the video and then write a summary of the first chapter.</p> <p>https://www.youtube.com/watch?v=aO-Hzlv5-QA</p>	<p>In today's lesson you will be learning about formal letter writing in preparation for this week's literacy task.</p> <p>Watch the video which can be found on the link. During the video note down the key features of a formal letter. Complete activity one, the quiz, using the facts you learned from the video and the text. Using the information from the video and the quiz write how you would start and finish a letter to the Queen.</p> <p>https://www.bbc.co.uk/bitesize/articles/z6hvgwx</p>	<p>Ahmet and his friends make the plan to write a letter to the Queen in the hopes that she can reunite Ahmet with his parents.</p> <p>Using the planning grid attached, plan a letter to the Queen from Ahmet and his friends.</p> <p>Consider writing half of the letter from the perspective of Ahmet and half of the letter from Ahmet's friends. Consider the emotions of the characters and how they feel.</p> <p>Remember to include:</p> <ul style="list-style-type: none"> - Who your letter is to - An introduction informing the reader why you are writing - A paragraph written by Ahmet describing his situation 	<p>Using the plan you created the previous day write your letter to the Queen. When writing to the Queen you will be using formal language. Make sure to also use the correct layout, introduction and sign off. Whilst writing your letter try to use the following writing techniques:</p> <ul style="list-style-type: none"> - Clear paragraphs - Emotive language - Similes - Metaphors - Parenthesis - Relative clauses - Expanded noun phrases - A range of punctuation 	<p>Read through your finished letter. Using a different coloured pen or pencil make improvements to your work. When making your improvements consider the following:</p> <ul style="list-style-type: none"> -Have you used the correct layout for a letter? -Is your letter understandable by the reader? -Are all your spellings correct? -Have you used capital letters correctly? -Have you used full stops at the end of a sentence? -Have you correctly used punctuation? -Can you find a synonym to improve words you have chosen? -Can you add additional description or figurative language?

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		<ul style="list-style-type: none"> - A paragraph by one of Ahmet's friends describing why the Queen should help like they have - A conclusion paragraph - A sign off from Ahmet and his friends <p>The link below has a summary of the plot of 'The Boy in the Back of the Class' which could support your planning.</p> <p>https://randomlyreading.blogspot.com/2019/08/the-boy-at-back-of-class-by-onjali-g.html</p>		
<p><u>Maths</u> Brain Booster Number: Pick a 4 digit number and then complete the following questions. (Daily) Multiply by 10,100 and 1000 Divide by 10,100 and 1000 Round to the nearest 10,</p>	<p><u>Maths websites</u> For daily lessons including videos and printable resources visit the 'iseemaths' website. Children should choose a task that</p>	<p><u>Maths workbooks</u> Free workbooks can be downloaded and printed from the following site: Parent Workbooks White Rose Maths</p>	<p><u>Decimals and percentages</u> Recap our previous maths topic of decimals and percentages using the worksheets attached.</p>	<p><u>Maths Games</u> Play Guardians Maths Game Primary Games Fun Online Games for Kids BBC Bitesize - BBC Bitesize Hit the Button - Quick fire maths practise for 6-11 year olds</p>

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<p>100 and 1000 Half the number Double the number Write the number as Roman numerals What could the calculation be? Multiply by 6,7,8 and 9</p>	<p>engages them on a daily basis. Edshed – Please complete activities based on your ability. Assignments are set for each child. Remember to keep practising times tables.</p>			<p>(topmarks.co.uk) Math Games Math Playground Make Learning Fun</p>
<p><u>Art</u> In Art we have been learning about mono printing. Watch the video below on mono printing. Then write a step by step set of instructions on how to create your own monoprint.</p> <p>https://www.youtube.com/watch?v=disyn_sNyGc</p>	<p><u>Computing</u> In computing we have been learning about cyber bullying and how people can avoid and report cyber bullying. Create an informative poster informing others of what they should do if they are cyber bullied and how they can prevent this from happening again. Use the video links below to gather information for your poster.</p> <p>https://www.youtube.com/watch?v=WegCMoQ-UNs</p> <p>https://www.youtube.com/watch?v=916K8</p>	<p><u>PSHE</u> In PSHE we are learning about recognising who we are. Draw a self-portrait, around your image write the characteristics and personal qualities which make you so special!</p>	<p><u>Science</u> In science we have been learning about the life cycle of mammals. Create an informative poster which describes the stages of a life cycle of a mammal of your choice. Use the bitesize link to help you start your poster.</p> <p>https://www.bbc.co.uk/bitesize/topics/zgssgk7/articles/zwn6mnb</p>	<p><u>History</u> In History we have been learning about the local history of our local area. Research coal mining in County Durham and write report on the information which you find. Research the following questions (as well as your own):</p> <ul style="list-style-type: none"> - Where were the mines in County Durham? - Where did the coal miners live? - Why were the mines so important in County Durham? - Why did the mines shut? - How old were the miners in County Durham?

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	<p>https://www.youtube.com/watch?v=dMdKmHjggFk</p>			<p>- How is the coal mining industry celebrated in County Durham today? Research the Wingate Grange Colliery mine and find out facts about our local mine.</p>
<p><u>PE</u> Remember to try and undertake daily exercise. PE with Joe can still be accessed via YouTube as well as other activities such as Just Dance. If you have any equipment at home such as balls, bats, hoops or skipping ropes make use of them to keep active!</p>	<p><u>RE</u> In RE we have been learning about Jewish Festival and celebrations. Research Jewish festivals and celebrations using the BBC bitesize link below. Consider what happens during each celebration and why each celebration is important to Jewish people.</p> <p>https://www.bbc.co.uk/bitesize/guides/zbm8jty/revision/9</p>	<p><u>Reading</u> We have been analysing the lyrics to songs. Look at the lyrics to 'make you feel my love' by Adele. Consider:</p> <ul style="list-style-type: none"> • What words are you unsure of the meaning of- research their definitions. • What you think the song lyrics mean – is there a message or a story being told? • What is your favourite line in the long? Why is this your favourite? What does this line mean? • Can you think of a better name for this song and provide an explanation as to why this name would be better? 	<p><u>Music</u> In music we have been learning how to perform 'To Make You Feel My Love by Adele'. Practice singing the song aloud using the link below.</p> <p>https://www.youtube.com/watch?v=eU80eyfl-ao</p>	<p><u>Languages</u> Recap your learning of how to introduce yourself in Italian.</p> <p>https://www.youtube.com/watch?v=6kC35LH6Xqc</p>

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		https://www.youtube.com/watch?v=eU80eyfl-ao		
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Which number is represented on the place value chart?

Ones	Tenths	Hundredths
	0.1	0.01 0.01
0	1	2

There are ___ ones, ___ tenths and ___ hundredths.

The number is ___

Represent the numbers on a place value chart and complete the stem sentences.

- 0.28
- 0.65
- 0.07
- 1.26

Make the numbers with place value counters and write down the value of the underlined digit.

- 2.45
- 3.04
- 4.44
- 43.34

$0.76 = 0.7 + 0.06 = 7$ tenths and 6 hundredths.
Fill in the missing numbers.

$0.83 = \underline{\quad} + 0.03 = \underline{\quad}$ and 3 hundredths.

$0.83 = 0.7 + \underline{\quad} = 7$ tenths and $\underline{\quad}$

How many other ways can you partition 0.83 ?

Match each description to the correct number.

My number has the same amount of tens and tenths.



Teddy



Amir

My number has one decimal place.

My number has two hundredths.



Rosie

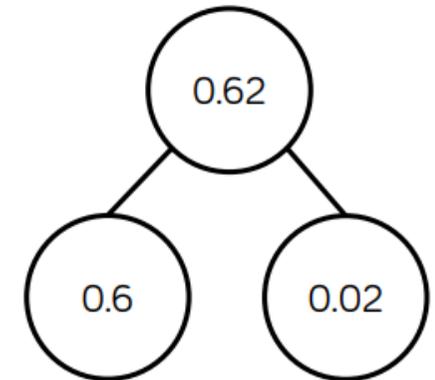


Eva

My number has six tenths.

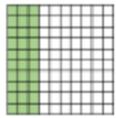
- 46.2
- 2.64
- 46.02
- 40.46

Dexter says there is only one way to partition 0.62

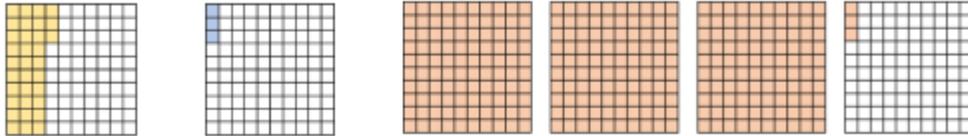


Prove Dexter is incorrect by finding at least three different ways of partitioning 0.62

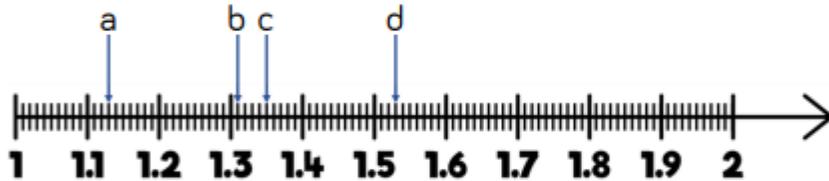
Use the models to record equivalent decimals and fractions.



$$0.3 = \frac{3}{10} = \frac{30}{100}$$



Write down the value of a, b, c and d as a decimal and a fraction.



Complete the table.

Concrete	Decimal	Decimal - expanded form	Fraction	Fraction - expanded form	In words
	3.24	$3 + 0.2 + 0.04$	$3 \frac{24}{100}$	$3 + \frac{2}{10} + \frac{4}{100}$	Three ones, two tenths and four hundredths.
	3.01		$3 \frac{1}{100}$		
				$3 + \frac{4}{10} + \frac{2}{100}$	
					Two ones, three tenths and two hundredths.

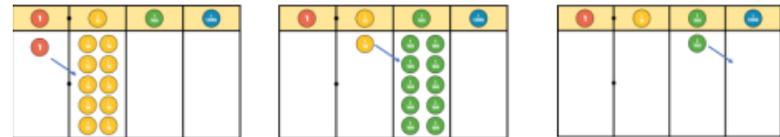
Eva is using Base 10 to represent decimals.

= 1 whole = 1 tenth = 1 hundredth = 1 thousandth

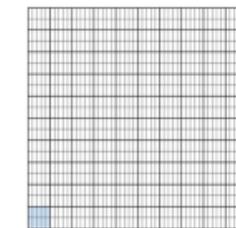
Use Base 10 to build:

- 4 wholes, 4 tenths, 4 hundredths, 4 thousandths
- 5 tenths, 7 hundredths and 5 thousandths
- 2.357

Use the place value counters to help you fill in the final chart.



= __ tenths = __ hundredths = __ thousandths



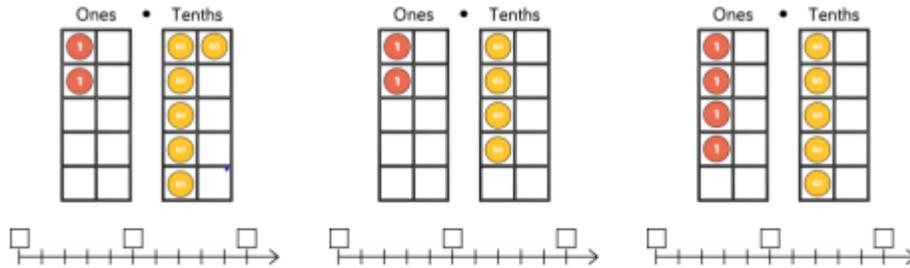
What has this hundred square been divided up into?

How many thousandths are there in one hundredth?

How many thousandths are in one tenth?

How many thousandths are in one tenth?

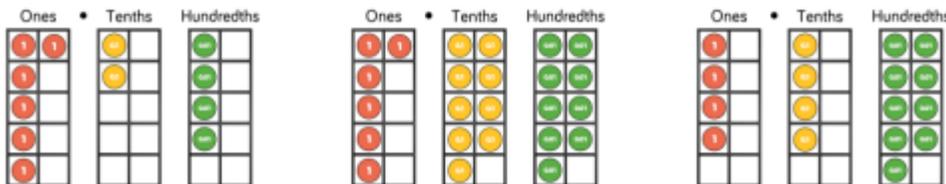
Complete the number lines and round the representations to the nearest whole number:



Use the number lines to round 3.24 to the nearest tenth and the nearest whole number.



Round each number to the nearest tenth and nearest whole number. Use number lines to help you.



Dexter is measuring a box of chocolates with a ruler that measures in centimetres and millimetres.



He measures it to the nearest cm and writes the answer 28 cm.

What is the smallest length the box of chocolates could be?

Whitney is thinking of a number.



Rounded to the nearest whole her number is 4

Rounded to the nearest tenth her number is 3.8

Write down at least 4 different numbers that she could be thinking of.

Use $<$, $>$ or $=$ to make the statements correct.



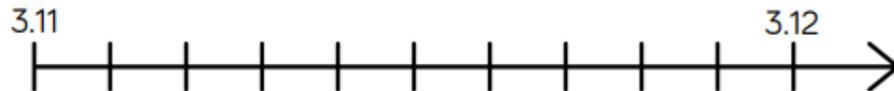




 $13.33 \div 10$

Place the numbers in ascending order on the number line.

3.115 $3 \frac{113}{1000}$ Three and 11 hundredths

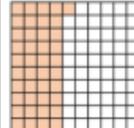
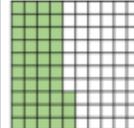
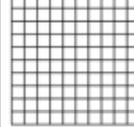


Place in descending order.

- 0.123 0.321 0.231 0.103
- 3.2 km 3.21 km 3.212 km 3202 m
- 65.394 65.309 63.999 65.493

Check your answers using place value chart.

Complete the table.

Pictorial	Percentage	Fraction	Decimal
	41 parts per hundred 41%	41 out of 100 $\frac{41}{100}$	41 hundredths 0.41
			
	7 parts per hundred 7%		

Alex has read 93 pages of her book. Her book has 300 pages. What proportion of her book has she read? Give your answer as a percentage and a decimal.

$$\frac{93}{300} = \frac{?}{100} = \text{_____} \% = \text{_____}$$

Record the fractions as decimals and percentages.

$$\frac{120}{300} \quad \frac{320}{400} \quad \frac{20}{200} \quad \frac{12}{50}$$

Use a bead string to show me:

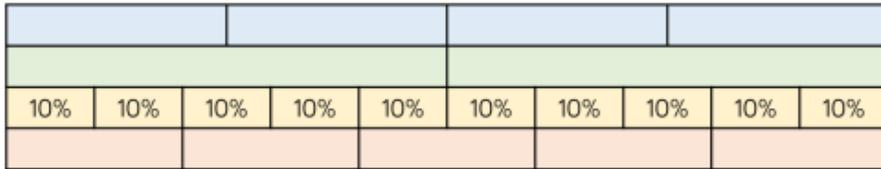
0.25 0.3 0.2 0.5

What are these decimals as a percentage?

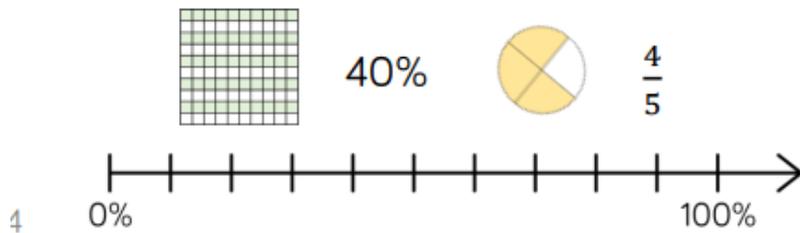
What are they as a fraction? Can you simplify the fraction?

Use the bar model to convert the fractions into a percentages and decimals.

$\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{10}$ $\frac{1}{5}$



Draw arrows to show the position of each representation on the number line.



Sort the fractions, decimals and percentages into the correct column.

50%	100%	$\frac{30}{60}$
Seven tenths	60%	0.25
70 hundredths	$\frac{1}{4}$	7%

Less than $\frac{1}{2}$	Equal to $\frac{1}{2}$	Greater than $\frac{1}{2}$

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Sentence Openers	Content	Vocabulary