Monday 27th April 2020 Week 2- Lesson 1- Step 6- Fractions on a number line.

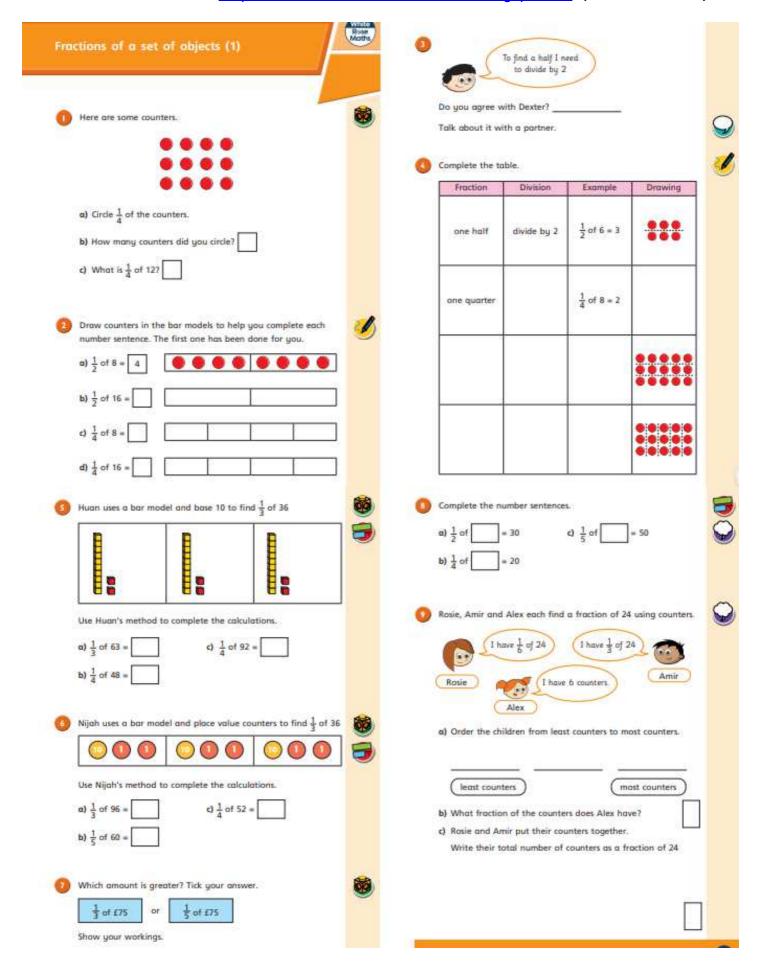
Please watch the video first https://whiterosemaths.com/homelearning/year-3/ (Week 2 Lesson 1)

7	White	,	
Fractions on a number line	White Rose Maths	Write the missing fractions on the number lines.	
		a) 0 1 2 3	
Draw an arrow to show the fractions on the number lines.		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
a) 1/2		b) 0	
0 1		¹ / ₃	
b) 1/3		0 0 1 2	
<u> </u>			
0 1		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
d 1/4		B. William About Annual Control of Control o	
0 1		d) Write three fractions that are equivalent to one whole. Use the number lines to help you.	
Are your answers accurate or are they estimates?	9		
Write <, > or = to compare the fractions.		What do you notice?	
a) $\frac{1}{2}$ $\frac{1}{4}$		·	
b) $\frac{1}{4}$ $\frac{1}{3}$		0	
o 1/3 1/2		Talk about it with a partner.	9
Draw an arrow to estimate where each fraction belongs	20	What fraction is shown in each diagram?	20
on the number line.	_	Draw an arrow to show the fraction on the number line.	
a) $\frac{3}{4}$		a)	
I—————————————————————————————————————			
0 1		0 1 2 3	
b) 1 and $\frac{2}{3}$			
0 1 2			
Write each fraction under the correct heading.		0 1 2 3	
3 4 3 8 3			\bigcirc
$\begin{bmatrix} \frac{3}{4} \\ \end{bmatrix}$ $\begin{bmatrix} \frac{7}{4} \\ \end{bmatrix}$ $\begin{bmatrix} \frac{8}{8} \\ \end{bmatrix}$ $\begin{bmatrix} \frac{7}{8} \\ \end{bmatrix}$		One eighth is greater than one quarter.	
Less than Equal to More than one whole one whole one whole		The same of the sa	
		Do you agree with Teddy?	
		Use the number line to show why.	
	5		

Tuesday 28th April 2020

Week 2- Lesson 2- Step 7- Fractions of a set of objects

Please watch the video first https://whiterosemaths.com/homelearning/year-3/ (Week 2 Lesson 2)



Week 2- Lesson 3- Step 8- Fractions of a set of objects (2) Wednesday 29th April 2020 Please watch the video first https://whiterosemaths.com/homelearning/year-3/ (Week 2 Lesson 3) Brett uses a bar model and base 10 to find 🕏 of 36 Fractions of a set of objects (2) Draw counters in the bar models to help you complete each a) = of 15 = Use Brett's method to complete the number sentences. a) 3 of 63 = b) 3 of 8 = b) $\frac{3}{4}$ of 48 = q 2 of 20 = c) 3 of 92 = Match the questions and answers. Kim uses a bar model and place value counters to find $\frac{2}{3}$ of 36 of 9 = 7 of 15 = ? 6 Use Kim's method to complete the number sentences. of 12 = 7 15 a) $\frac{2}{3}$ of 96 = 10 of 20 = 7 b) = of 60 = c) $\frac{3}{4}$ of 52 = What is 6 of 187 Haw do you know? Dora, Whitney and Ron each find a fraction of 24 Complete the number sentences. using counters. Whitney. Dora I have 18 counters a) Who has the most counters? Show your workings. To find 3 of 12, b) How many more counters does Dora have than Whitney? you divide by 4 and then nultiply the answer by 3 Write fractions to make the statements correct, Tommy To find $\frac{3}{4}$ of 12, you divide by 3 and then of 36 < 18 multiply the answer by 4 of 36 = 18 Who is correct? ... of 36 > 18 How do you know? Show your working.

How many different answers can you find for each?

Compare with a partner.

e watch the video first <u>https://whiterose</u>	White Rose Maths	_			
ractions of a set of objects (3)	Moths	Teddy opens a bag o	f cherries and puts $\frac{1}{2}$ or	n a plate.	
		7	6666		
		(8999		
In a class of 32 children, three eighths are girls.		Marine and a consequence			
How many children are boys?		How many cherries w	ere there in the whole	bag?	
				 	
Alex is taking part in a 10 km race.					
		Ron has £4 and 50p.	he money equally betw	seen himself and	
		his two sisters.	ne money equany betw	reen minsen unu	
				8	
10 km					
5		How much money wi	Il each child get?		
She has run two fifths of the race.					
What distance does she have left to run? km			* L	and p	
Filip has £3 and 20p.		 A bag of potatoes we 	eighs 500 g.	(40)	
		Annie's dad uses one	quarter of the patatoe	500 g Pututnes	
		to make a shepherd's			
He spends half of his money.		What is the mass of t	he potatoes left in the	bog:	
How much does he have left?				9	
Dexter spends one third of his money.		Here is a rectangle.		1	
He has these coins left.		The perimeter of the	rectangle a		
		is less than 30 cm.		b	
			Side a is one half of the length of side b. a) Complete the table to show the different possible integer		
How much did Dexter spend?		e) Complete the table lengths of side a	possible integer		
£ and p		Length of side a	Length of side b	Perimeter	
Eva has a bag of 20 sweets.		1 cm	2 cm	6 cm	
		i de			
She eats $\frac{1}{4}$ of the sweets.		17 17			
She gives $\frac{1}{5}$ of the sweets that are left to Dora and 2 sweets to					
her mum.		b) What are the local	est possible integer leng	oths of side a and hi	
How many sweets does Eva have left?		ar must are the lang	en pomere atteget leng	gand or asset to small to	
Whitney has a box of raisins.	0	side α			
She eats $\frac{1}{4}$ of the raisins and gives 3 to her brother.		24.7			
She has 9 raisins left.		side b			

Talk to a partner about why Dexter is wrong.

Please watch the video first https://whiterosemaths.com/homelearning/year-3/ (Week 2 Lesson 5)

