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

Unit and non-unit fractions	Rose Maths	b)	
Write fractions to complete the sentences.			
a) of the counters are yellow.b) of the counters are red.			
Write fractions to complete the sentences. a) of the tower is green.		d)	
b) of the tower is yellow. c) of the tower is blue.			
3) What fraction of each shape is shaded? a)		e) Tick the unit fraction in each pair of shapes. How did you know which was the unit fraction?	\bigcirc
a) Colour $\frac{1}{5}$ of each shape.		Write the fractions in the table. $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
b) Colour $\frac{3}{5}$ of each shape. What is the same and what is different about your answers?		Unit fractions Non-unit fractions Write two more examples of your own in each column.	~
5 a) Circle $\frac{1}{3}$ of the counters.		a) What is a unit fraction? What is a non-unit fraction? Talk about it with a partner.	
		b) Complete the sentences. An example of a unit fraction is	
b) Circle $\frac{2}{3}$ of the counters.		The numerator is always An example of a non-unit fraction is	
What is the same and what is different about your answers?		The numerator is always greater than	

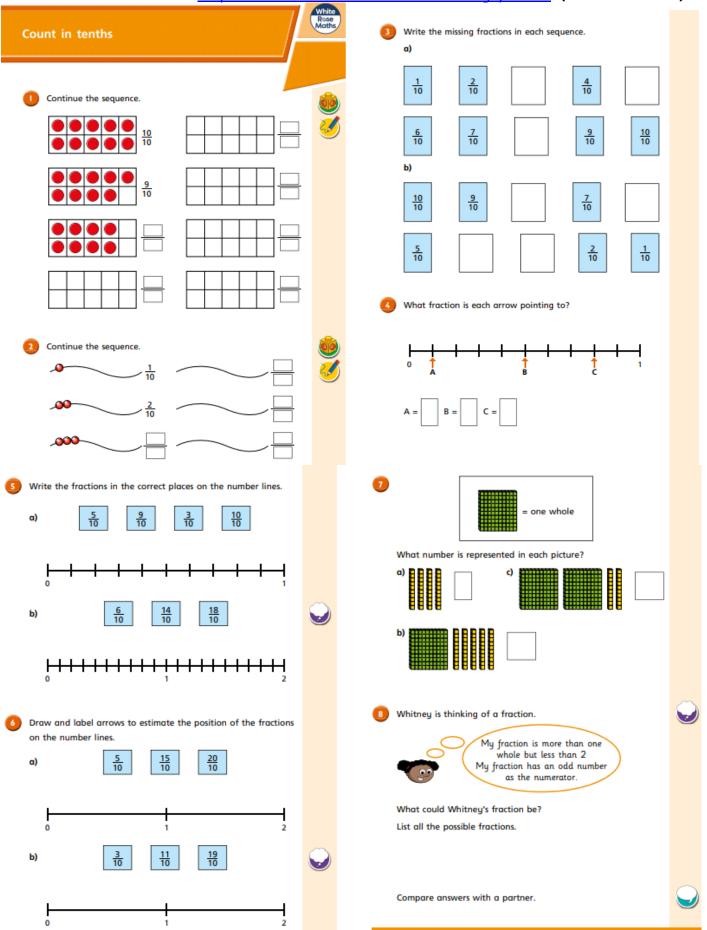
Please watch the video first https://whiter		Ths.com/nomelearning/year-3/ (Week 1 Lesson 2)
Making the whole	Maths	What fraction of each shape is shaded?
		Which fraction represents a whole?
		Fill in the missing fractions.
1) Here are some counters.		a) = one whole
a) What fraction of the counters are yellow?		
b) What fraction of the counters are red?		b) = one whole
c) Complete the number sentence.		
2 Here is a tower of cubes.		
		Here are some pictures.
a) What fraction of the tower is green?		
b) What fraction of the tower is blue?		Use the pictures to help you answer the questions. a) Write three fractions that are less than one whole.
c) Complete the number sentence.		White three fractions that are less than one whole.
		© White Rose Moths 2019
b) Write three fractions that are equal to one whole.		$\frac{2}{7}$ of a group of children are girls.
What do you notice? Talk about it with a partner.		
5) Choose a phrase to complete the sentences.		What fraction are boys?
greater than less than equal to		are boys.
When the numerator is the denominator, the		
fraction is less than one whole.		Each bar model is worth one whole.
When the numerator is the denominator, the		Split the bar model and label the missing fractions.
fraction is equal to one whole.		1/4
		4
6 Circle the fractions that are equivalent to one whole		1/5 1/5
$\frac{3}{5}$ $\frac{4}{4}$ $\frac{6}{10}$ $\frac{2}{2}$		7 10
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		
		Complete the number sentences.
1		a) $\frac{3}{5} + = 1$ c) $\boxed{ = \frac{2}{7} + \frac{5}{7}}$
Here are $\frac{1}{3}$ of Jack's marbles.		5 7 7
		b) $+\frac{4}{10} = 1$ d) $\frac{9}{9} = +\frac{5}{9}$
Draw the rest of Jack's marbles in the bar model.		

Wednesday 22nd April 2020 Week 1- Lesson 3- Tenths
Please watch the video first https://whiterosemaths.com/homelearning/year-3/ (Week 1 Lesson 3)

Tenths White Rose Moths	3 Amir has some blue and yellow cubes.	
Tick the pictures that show tenths.	Investigate how many different towers Amir can make with 10 cubes, if every tower has a different fraction of blue and yellow cubes.	•

2 Write fractions to complete the sentences.	Complete the part-whole models. a) 1 7 10	
a) of the counters are yellow. b) of the counters are red. c) of the counters are green.	$\frac{3}{10}$	
d) 1	Dani has a bag of sweets. 1/2 of the sweets are red. 3/10 of the sweets are yellow. The rest are green. What fraction of the sweets are green?	3
3 Annie has travelled 7/10 of the way across a balance beam.	Mo also has a bag of sweets. 4 of his sweets are red. The rest are green or yellow. What fraction of Mo's sweets could be green? What fraction could be yellow? How many possible answers can you find?	.
How many tenths does she have left to travel? 10 boys share 3 pizzas equally. What fraction of a pizza do they each get?	Compare answers with a partner.	→

Please watch the video first https://whiterosemaths.com/homelearning/year-3/ (Week 1 Lesson 4)



Please watch the video first https://whiterosemaths.com/homelearning/year-3/ (Week 1 Lesson 5)

Mo is using a place value chart to represent numbers. Tenths as decimals Write each number as a decimal. Ones Tenths Tenths 000 0.0 Complete the table. 0 0 Words Fraction Representation Decimal 1 tenth 0.1 Ones Tenths Tenths 0.00 00 00 7 10 0.3 Draw counters to represent the numbers. a) 0.3 Ones Ones Tenths Tenths 5 tenths Match each bar model to the equivalent decimal. b) 3 d) 3.1 0.8 Tenths Ones Tenths 0.6 0.4 Continue the pattern. c) 0.6 1.2 1.7 10 3 tenths 0.5 6 tenths Complete the statements. What decimal is each arrow pointing to? a) 0.2 > 10 tenths = 0.7 b) 0.8 < 10 Is there more than one answer for each? Aisha places 6 counters onto this place value chart. Estimate the position of the decimals on the number lines. Tenths 0.5 8.0 List all the possible numbers she could represent. 0.7 0.9 0.4