Class 3 Home Learning, week beginning 27th April 2020

Maths - Year 3

Lesson 3

Tenths

Please watch the video before choosing your challenge.

Why not have a go at the reasoning
and problem solving too?

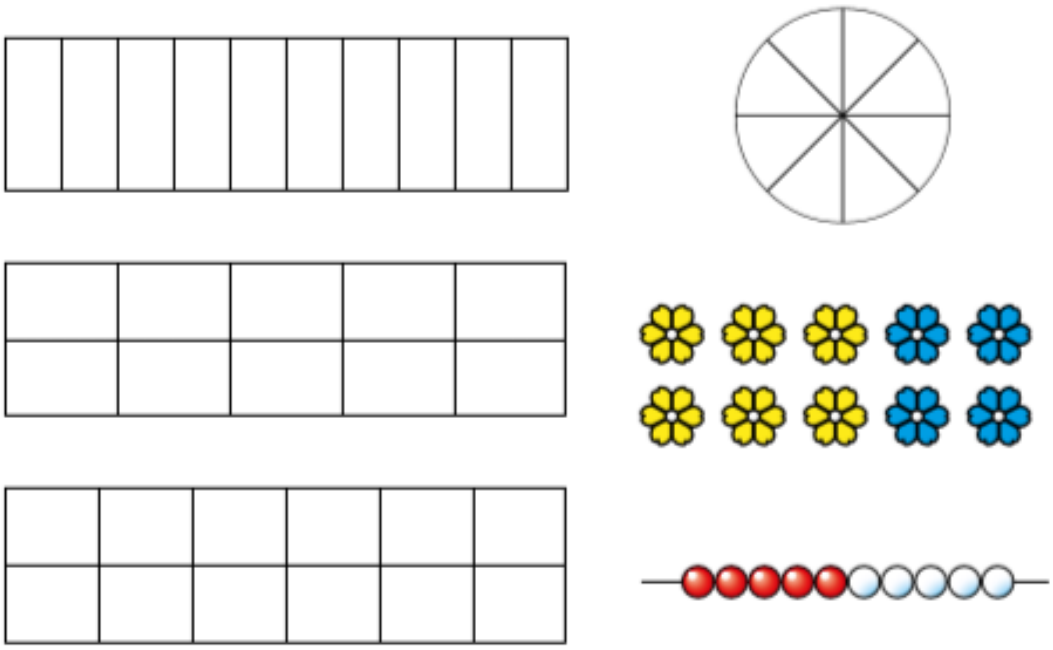
w/b 27.4.20 Class 3's Home Learning, Maths (Y3)

Do I understand the concept of tenths?

Challenge 1

These pages do not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too!

1) Chat with an adult which pictures show tenths. How do you know?



2) Please write the sentences in full in your maths book.

Write fractions to complete the sentences.

a) ☐ of the counters are yellow.

b) ☐ of the counters are red.

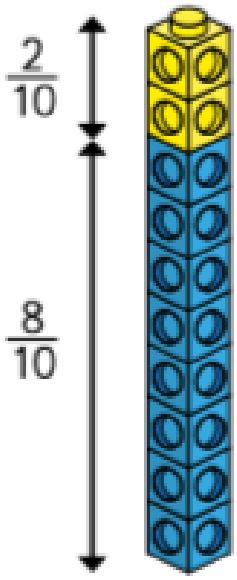
c) ☐ of the counters are green.

3) Draw the different towers in your maths book.

Amir has some blue and yellow cubes.

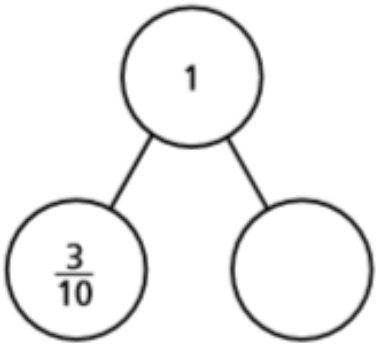
He makes a tower using 10 cubes.

Investigate how many different towers Amir can make with 10 cubes, if every tower has a different fraction of blue and yellow cubes.



4) Draw and complete the part-whole models in your maths book.

a)



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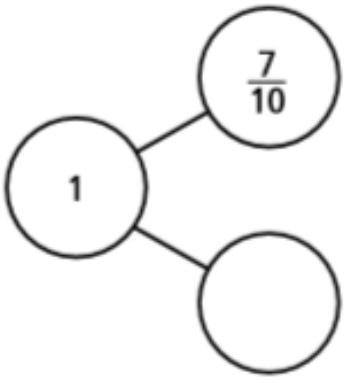

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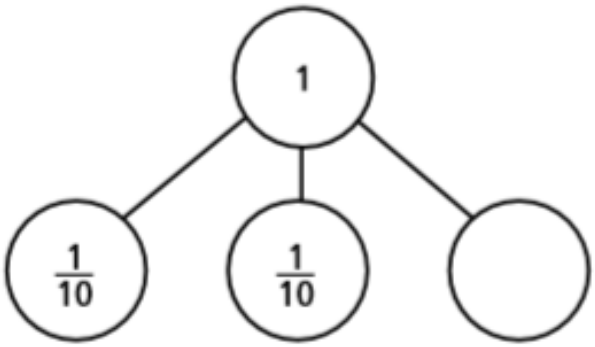


Questions 1-4 mentioned in the video are questions 1-4 in Challenge 1.

w/b 27.4.20 Class 3's Home Learning, Maths (Y3)

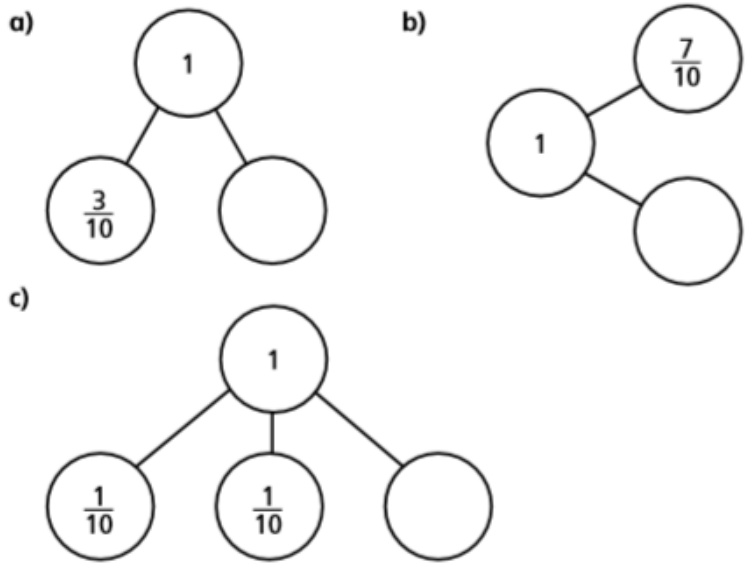
Do I understand the concept of tenths? Challenge 2

These pages do not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too!

Questions 1-3 mentioned in the video are the questions in Challenge 1.

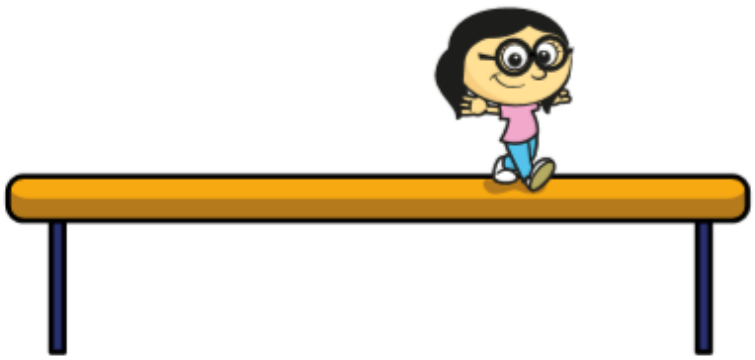
Questions 4 and 5 are questions 1 and 2 in this challenge.

1) Draw and complete the part-whole models in your maths book.



2) Remember to explain in writing and/or with pictures how you know.

Annie has travelled $\frac{7}{10}$ of the way across a balance beam.



How many tenths does she have left to travel?

3) Remember to explain in writing and/or with pictures how you know.

Dani has a bag of sweets.

$\frac{1}{2}$ of the sweets are red.

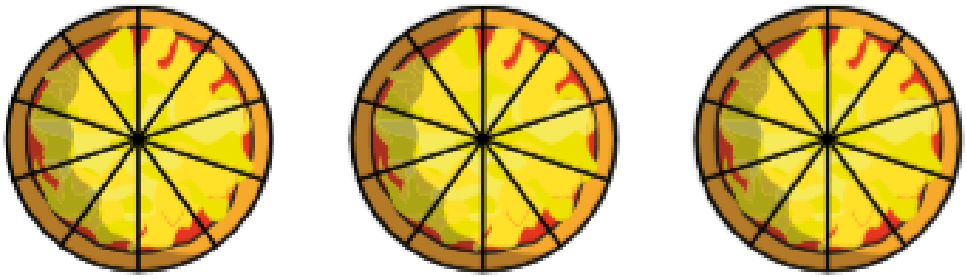
$\frac{3}{10}$ of the sweets are yellow.

The rest are green.

What fraction of the sweets are green?

4) Remember to explain in writing and/or with pictures how you know.

10 boys share 3 pizzas equally.



What fraction of a pizza do they each get?

5) Remember to explain in writing and/or with pictures how you know.

Mo also has a bag of sweets.

$\frac{4}{10}$ 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?

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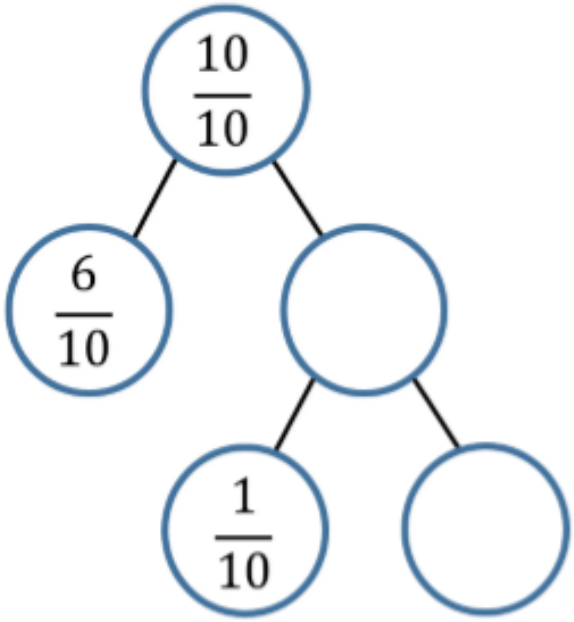
Do I understand the concept of tenths?

Reasoning and problem solving

Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too.

1) Remember to explain in writing and/or with pictures.

Fill in the missing values.
Explain how you got your answers.



2) Remember to explain in writing.

Odd One Out

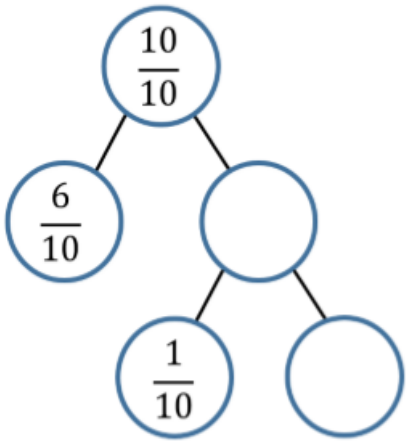
Which is the odd one out?
Explain your answer.

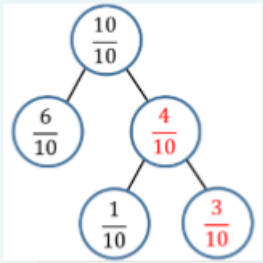
Answers are on the next page...

Tenths

Reasoning and Problem Solving

Fill in the missing values.
Explain how you got your answers.





Children could use practical equipment to explain why and how, and relate back to the counting stick.

Odd One Out

Which is the odd one out?
Explain your answer.

The marbles are the odd one out because they represent 8 or eighths. All of the other images have a whole which has been split into ten equal parts.