



Lesson 30 LO: To find a third

Task 1:

Use your toys or objects at home to help find a third of these amounts by sharing them into 3 equal groups:

- a) Third of 3 = 1
- b) Third of 9 = 3
- c) Third of 18 = 6
- d) Third of 12 = 4

Task 2:

Which shapes represent one third?



Explain why the other circles do not represent one third.

The others are not divided into three equal parts.

Dora is incorrect. She has one quarter of a pizza because there were four slices altogether and she has one of them. There would need to only be three slices altogether for her to have one third.

Dora says,



I have one third of a pizza because I have one slice and there are three slices left.

Do you agree? Explain your reasoning.



Maths – Main activity **ANSWERS**

Tenths as decimals



1 Complete the table.

Representation	Words	Fraction	Decimal
	1 tenth	$\frac{1}{10}$	0.1
	7 tenths	$\frac{7}{10}$	0.7
	3 tenths	$\frac{3}{10}$	0.3
	5 tenths	$\frac{5}{10}$	0.5

2 Match each bar model to the equivalent decimal.

0.8

0.6

0.4

3 Mo is using a place value chart to represent numbers.

Write each number as a decimal.

a) 0.2

c) 1.5

b) 0.7

d) 3.2

4 Draw counters to represent the numbers.

a) 0.3

c) 1.3

b) 3

d) 3.1

Canonbury Home Learning

5 Continue the pattern.

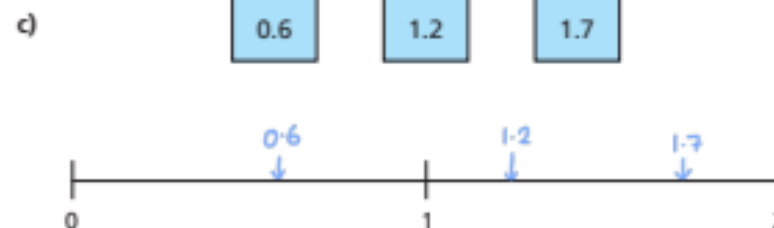
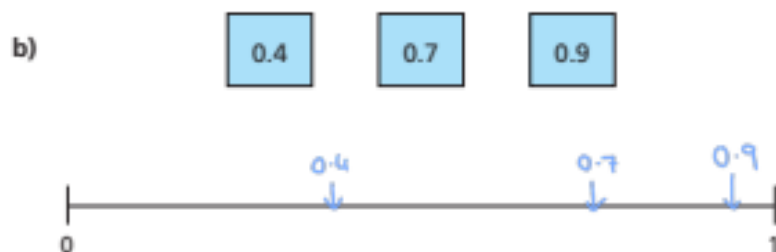
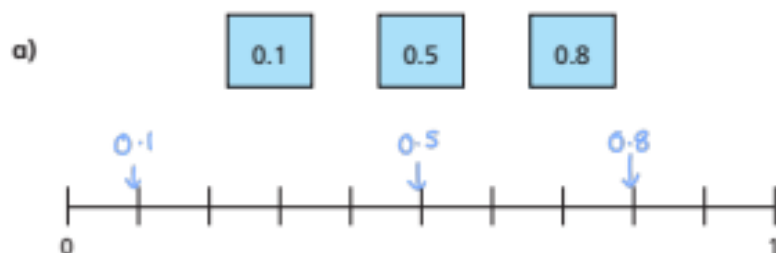
$\frac{1}{10}$ <small>fraction</small>	0.2 <small>decimal</small>	3 tenths <small>words</small>	$\frac{4}{10}$ <small>fraction</small>	0.5 <small>decimal</small>
6 tenths <small>words</small>	$\frac{7}{10}$ <small>fraction</small>	0.8 <small>decimal</small>	9 tenths <small>words</small>	$\frac{10}{10}$ <small>fraction</small>

6 What decimal is each arrow pointing to?



A = 0.2 B = 0.5 C = 0.9

7 Estimate the position of the decimals on the number lines.



8 Complete the statements.

a) $0.2 > \frac{1}{10}$

c) 7 tenths = 0.7

b) $0.8 < \frac{9}{10}$

d) 1.2 = $\frac{12}{10}$

Is there more than one answer for each?

9 Aisha places 6 counters onto this place value chart.



List all the possible numbers she could represent.

0.6 1.5 2.4 3.3
4.2 5.1 6.0