



Lesson 29

LO: To understand the difference between a half and a quarter

Task: Find out which of the boasting teachers has the most money by working out $\frac{1}{2}$ and $\frac{1}{4}$ of their amounts!



I have $\frac{1}{2}$ of
£10 = **£5**
WINNER



I have $\frac{1}{4}$
of £12 =
£3



I have $\frac{1}{4}$
of £8 = **£2**



I have $\frac{1}{2}$
of £6 = **£3**
WINNER



I have $\frac{1}{4}$
of £20 =
£5



I have $\frac{1}{2}$
of £12 = **£6**
WINNER



I have $\frac{1}{2}$
of £2 = **£1**
DRAW



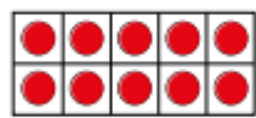
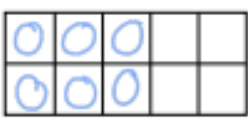
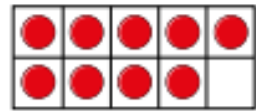
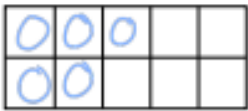

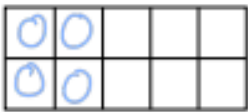
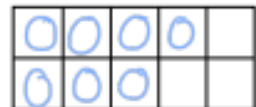
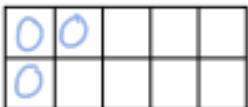
I have $\frac{1}{4}$
of £4 = **£1**
DRAW

Maths – Main activity **ANSWERS**









Count in tenths

1 Continue the sequence.

	$\frac{10}{10}$		$\frac{6}{10}$
	$\frac{9}{10}$		$\frac{5}{10}$
	$\frac{8}{10}$		$\frac{4}{10}$
	$\frac{7}{10}$		$\frac{3}{10}$

2 Continue the sequence.

	$\frac{1}{10}$		$\frac{4}{10}$
	$\frac{2}{10}$		$\frac{5}{10}$
	$\frac{3}{10}$		$\frac{6}{10}$

3 Write the missing fractions in each sequence.

a)

$\frac{1}{10}$	$\frac{2}{10}$	$\frac{3}{10}$	$\frac{4}{10}$	$\frac{5}{10}$
$\frac{6}{10}$	$\frac{7}{10}$	$\frac{8}{10}$	$\frac{9}{10}$	$\frac{10}{10}$

b)

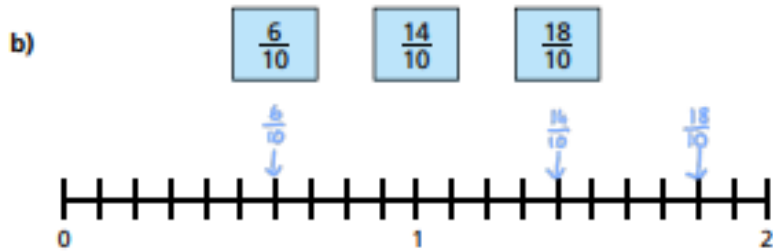
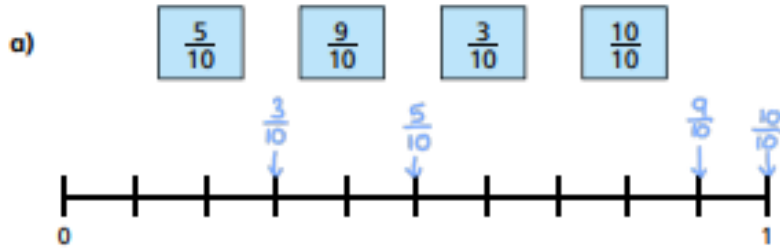
$\frac{10}{10}$	$\frac{9}{10}$	$\frac{8}{10}$	$\frac{7}{10}$	$\frac{6}{10}$
$\frac{5}{10}$	$\frac{4}{10}$	$\frac{3}{10}$	$\frac{2}{10}$	$\frac{1}{10}$

4 What fraction is each arrow pointing to?

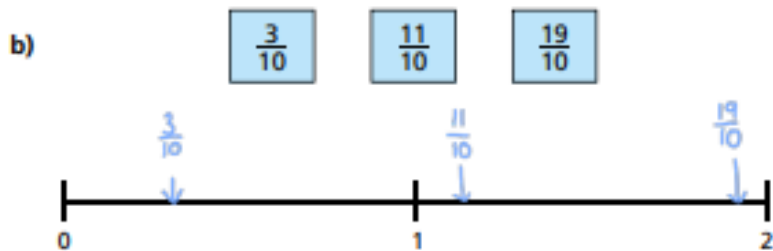
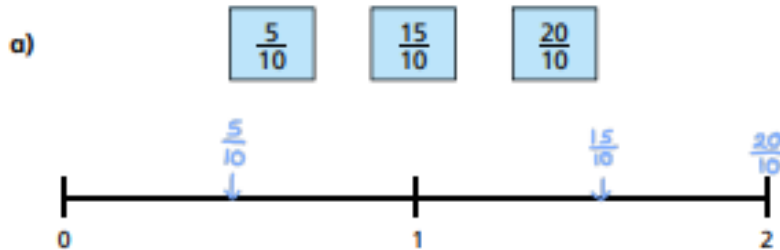


A = $\frac{1}{10}$ B = $\frac{5}{10}$ C = $\frac{8}{10}$

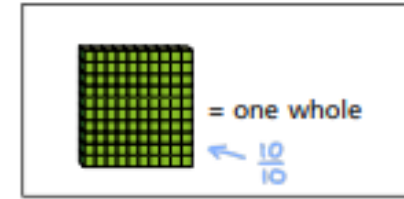
5 Write the fractions in the correct places on the number lines.



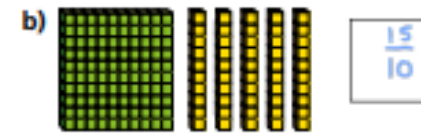
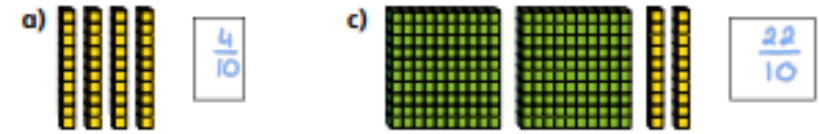
6 Draw and label arrows to estimate the position of the fractions on the number lines.



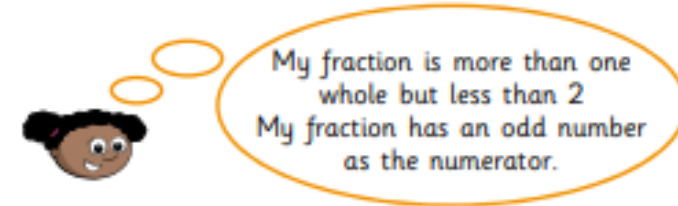
7



What number is represented in each picture?



8 Whitney is thinking of a fraction.



What could Whitney's fraction be?

List all the possible fractions.

~ ~ ~ ~ $\frac{10}{10}$

Compare answers with a partner.