Mrs. Gregory & Mrs. Postlethwaite's Group – Reasoning and Problem Solving

1) Match the equivalent pairs.

a) [ten-frame with two 0.1 counters] b) 0.5 c) [ten-frame with nine 0.1 counters] d) $\frac{4}{10}$

e) five-tenths f) [number line 0 to 1 with arrow] g) 0.9 h) $\frac{2}{10}$
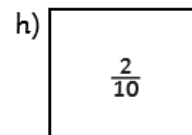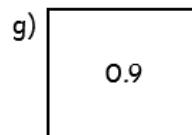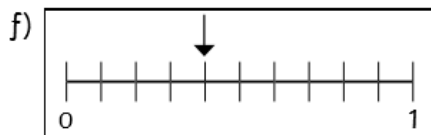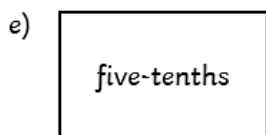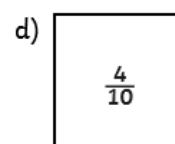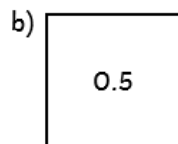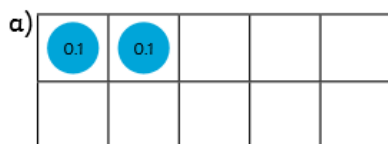
_____ and _____   _____ and _____   _____ and _____   _____ and _____

2) Complete this table:

Representation	Decimal	Fraction
[bar with 4 of 10 shaded]		
[number line 0 to 1 with arrow]		
[bar with squares shaded]		
[grid with shaded squares]		
	0.1	
		$\frac{2}{10}$

3) Complete this table:

Representation	Decimal	Fraction
[two bars of ten, top fully shaded, bottom 3 shaded]		
[two empty bars of ten]	1.9	
[two empty bars of ten]		$\frac{16}{10}$

1) Jas and Lin write this representation in the ways shown:

Jas

$1\frac{4}{10}$
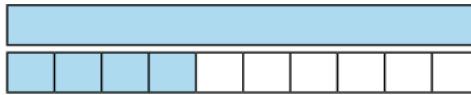
Lin

five-tenths

Are both children correct?
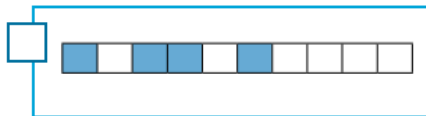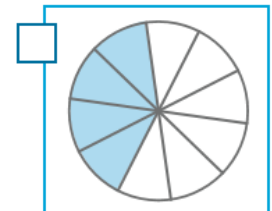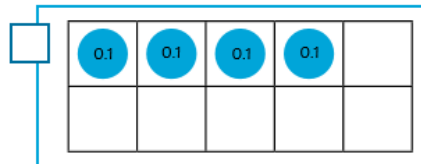If not, can you explain what mistake they have made and what they should have written?

_____

_____
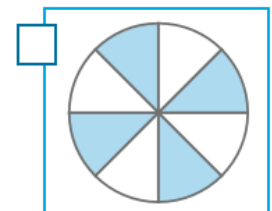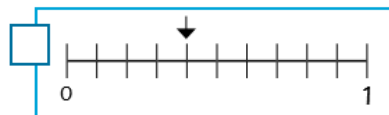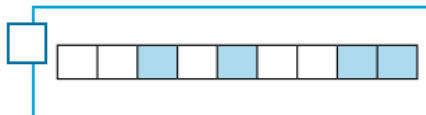
_____

_____

2) a) Which representations are equal to 0.4? Tick the correct representations:

$\frac{4}{10}$

four-hundredths

0.1 0.1 0.1 0.1

$\frac{4}{100}$

four-tenths

0

1

b) How many different ways can you represent $\frac{7}{10}$?