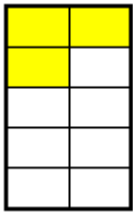


## Session 5 Decimals Task

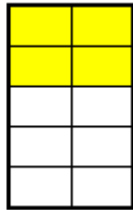
**Task 1:** State the shaded amount as a decimal fraction

### Example 1



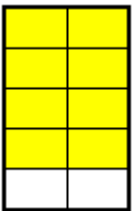
This represents **0.3**

### Example 2

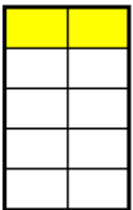
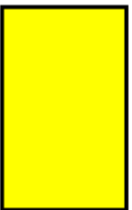


This represents **1.4**

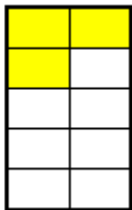
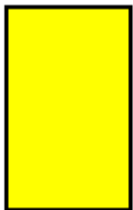
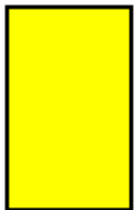
### Q1



### Q2



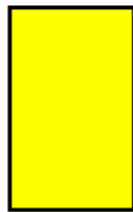
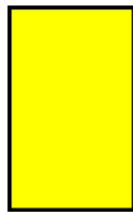
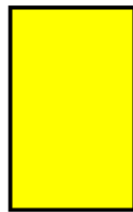
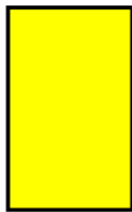
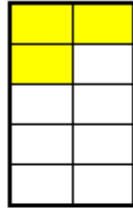
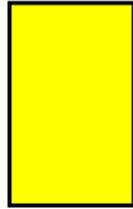
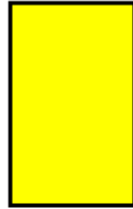
### Q3



**Q4**



**Q5**



**Q7**

Make a visual representation of the following numbers by drawing them out on paper (or the Numeracy BluePrints board)

a) 0•7

b) 0•9

c) 1•8

d) 2•3

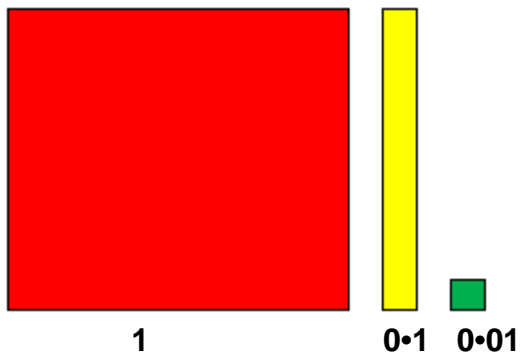
e) 3•4

**For the following questions**

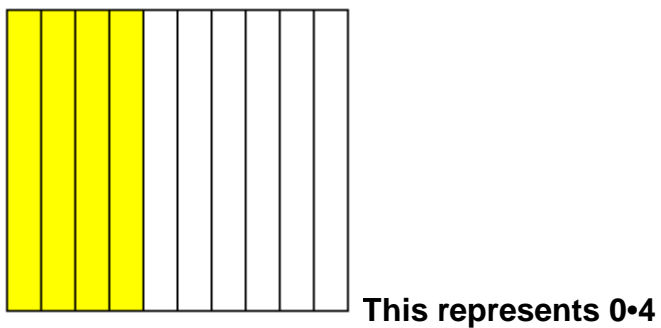
The red square = 1

The yellow represents  $\frac{1}{10} = 0.1$

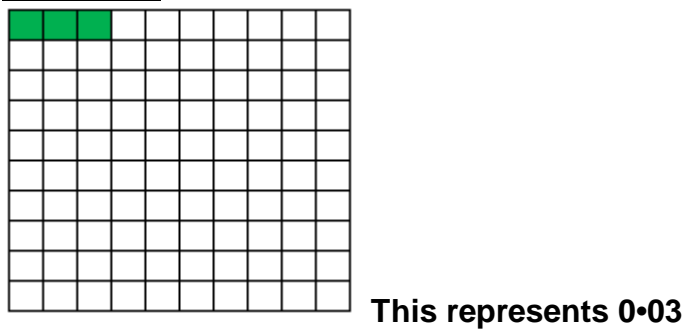
The green square  $\frac{1}{100} = 0.01$



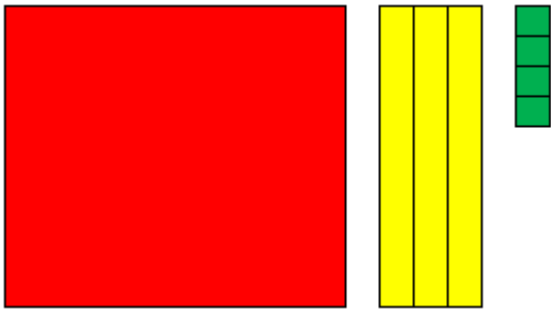
**Example 1**



**Example 2**



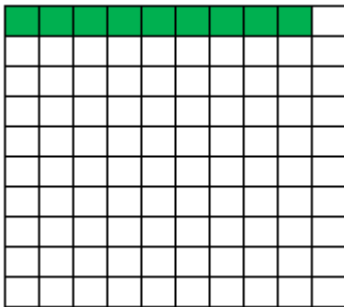
**Example 3**



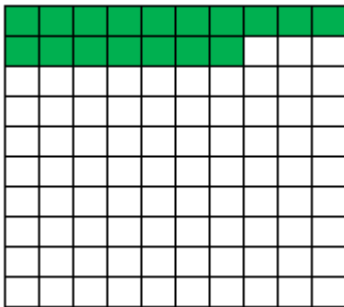
This represents  $1 + 0.3 + 0.04 = 1.34$

**Task 2: Write down the decimal fraction represented.**

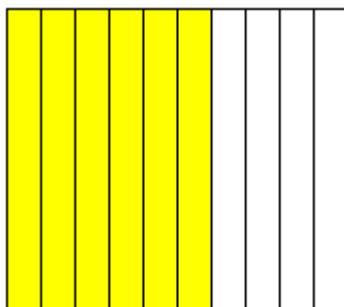
**Q1**



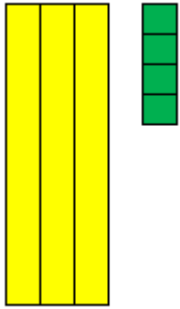
**Q2**



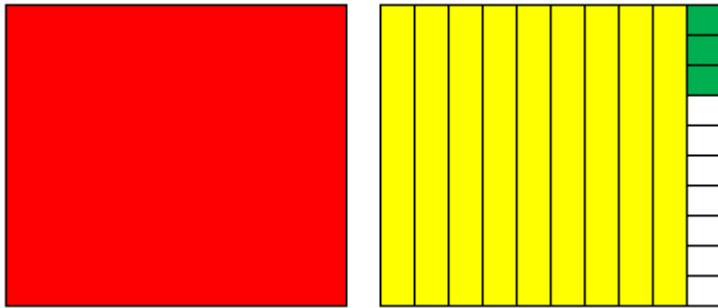
**Q3**



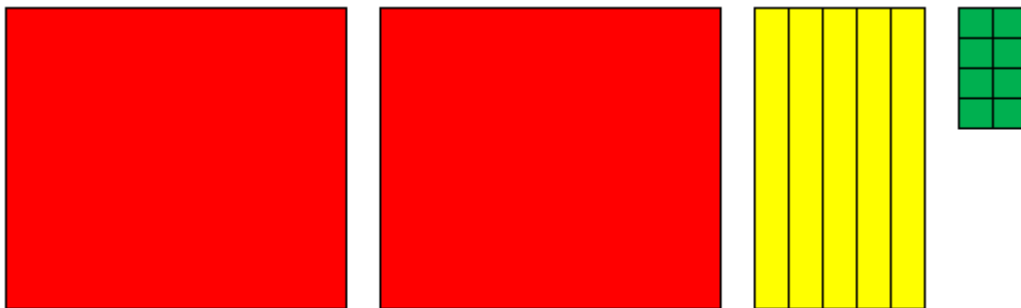
Q4



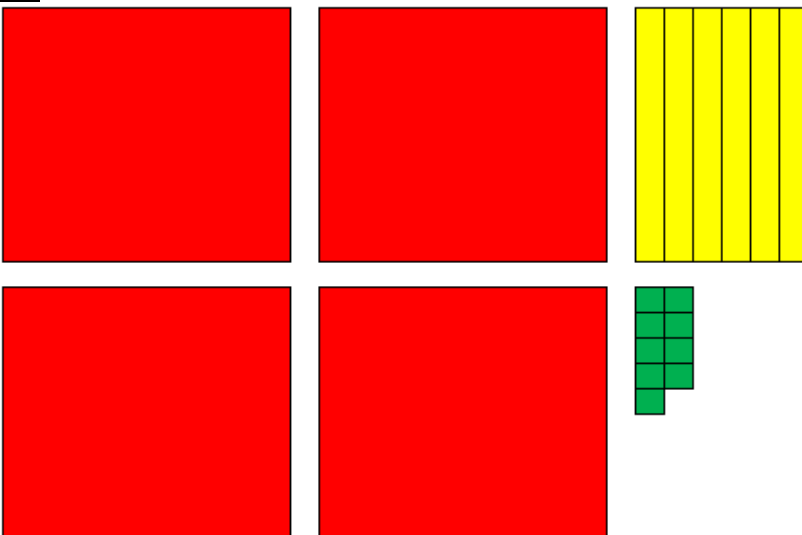
Q5



Q6



Q7



**Q8**

Make a visual representation of the following numbers by drawing them out on paper (or the Numeracy BluePrints board)

a)  $0\cdot7$

b)  $0\cdot09$

c)  $1\cdot83$

d)  $2\cdot31$

e)  $3\cdot48$

**Task 3:** Order these decimals from smallest to largest (pad with zeros where necessary)

Q1)  $0\cdot72$        $0\cdot09$        $1\cdot83$        $0\cdot31$        $0\cdot48$

Q2)  $0\cdot22$        $0\cdot2$        $0\cdot02$        $0\cdot1$        $0\cdot12$

Q3)  $0\cdot72$        $0\cdot8$        $0\cdot77$        $0\cdot08$        $0\cdot07$

Make your own questions – give them to a parent/guardian/brother/sister to try.

**Task 4:** Add these decimals

Q1)  $0\cdot7 + 0\cdot2$

Q2)  $0\cdot5 + 0\cdot3$

Q3)  $1\cdot2 + 0\cdot5$

Q4)  $1\cdot3 + 0\cdot6$

Q5)  $2\cdot5 + 1\cdot3$

Q6)  $5\cdot6 + 4\cdot3$

Q7)  $0\cdot9 + 0\cdot2$

Q8)  $0\cdot9 + 0\cdot5$

Q9)  $0\cdot9 + 0\cdot8$

Q10)  $1\cdot9 + 0\cdot6$

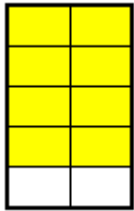
Q11)  $1\cdot8 + 0\cdot3$

Q12)  $2\cdot9 + 1\cdot3$

# ANSWERS

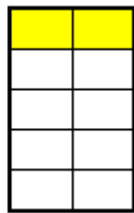
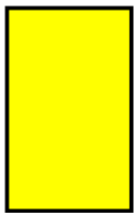
**Task 1:** State the shaded amount as a decimal fraction (answers at the end)

**Q1**



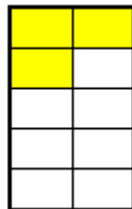
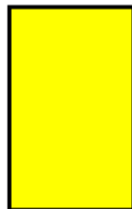
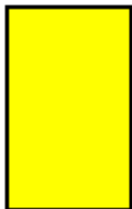
$$\frac{8}{10} = 0 \cdot 8$$

**Q2**



$$1 \frac{2}{10} = 1 \cdot 2$$

**Q3**



$$2 \frac{3}{10} = 2 \cdot 3$$