

Wednesday 13th May 2020

Maths: Comparing Decimals

1.) In your books, write $>$, $<$ or $=$ to compare the decimals

a)

○	Tths	Hths
	0.1 0.1	0.01 0.01 0.01 0.01

 ○

○	Tths	Hths
	0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01

b)

○	Tths	Hths
1 1 1	0.1	0.01 0.01 0.01 0.01 0.01

 ○

○	Tths	Hths
1 1 1	0.1 0.1 0.1 0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01 0.01

c)

○	Tths	Hths
1 1 1	0.1	0.01 0.01 0.01 0.01 0.01 0.01

 ○

○	Tths	Hths
1 1	0.1 0.1	0.01 0.01 0.01 0.01 0.01

d)

○	Tths	Hths
1 1	0.1 0.1	0.01 0.01 0.01 0.01 0.01 0.01

 ○

○	Tths	Hths
1 1	0.1 0.1	0.01 0.01 0.01 0.01 0.01

2. In your books, draw a decimal using counters that would make these statements correct

a)

○	Tths	Hths
1 1 1	0.1	0.01 0.01 0.01 0.01

 $<$

○	Tths	Hths

b)

○	Tths	Hths
1 1 1	0.1	0.01 0.01 0.01 0.01

 $>$

○	Tths	Hths
1 1 1		

3. Write $>$ or $<$ to compare these decimals

a)

○	Tths	Hths
7	6	8

 ○

○	Tths	Hths
7	0	2

b)

○	Tths	Hths
3	2	5

 ○

○	Tths	Hths
3	9	6

c)

○	Tths	Hths
0	4	1

 ○

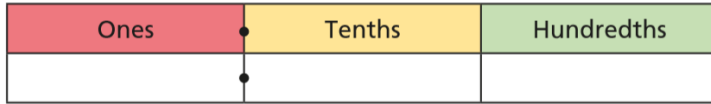
○	Tths	Hths
0	2	9

4. Using **only 8 counters** in each chart, draw a decimal that matches the statement

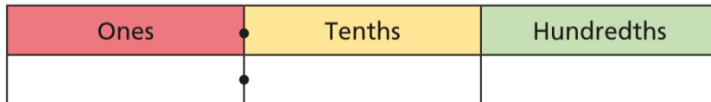
a) a number less than 0.76



b) a number more than 5.74



c) a number between 5.13 and 5.29



How many different ways can you make the statements correct?

CHALLENGE

Level 2: Fill in the missing digits

a) $0.34 < 0.3_ _$

d) $1.3_ < 1.3_ _$

b) $2.42 > 2.4_ _$

e) $2._ _ 2 > 2._ _ 2$

c) $0.74 < 0._ _ 2$

f) $0.8_ < 0._ _ 9$

Level 3:

Here are four digit cards.



Use each digit card once to make this statement correct.

$$\square . \square > \square . \square$$

How many possible answers are there?