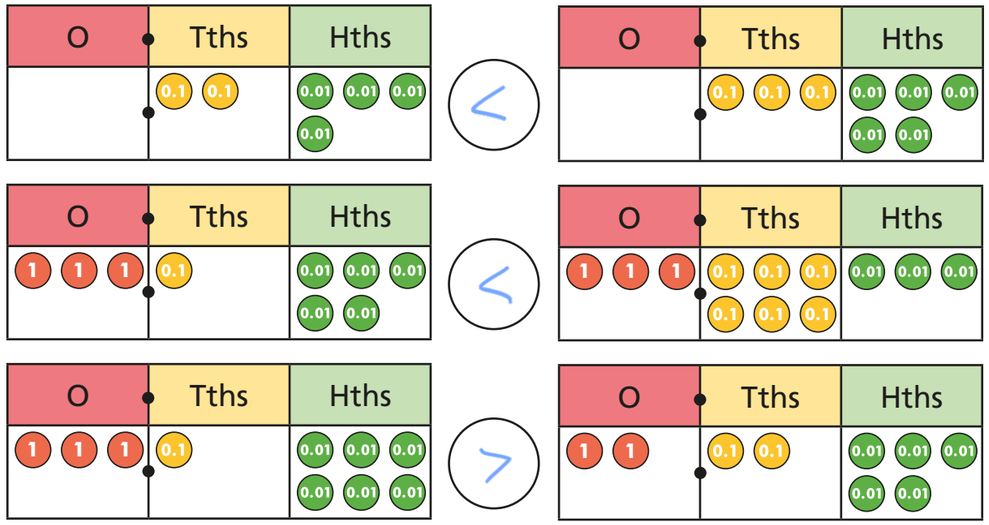
Compare decimals

1 Write < or > to compare the decimals.

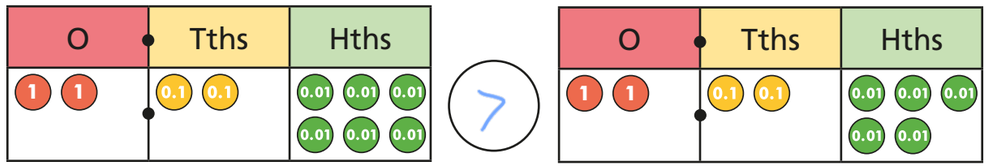
a)



b)

c)

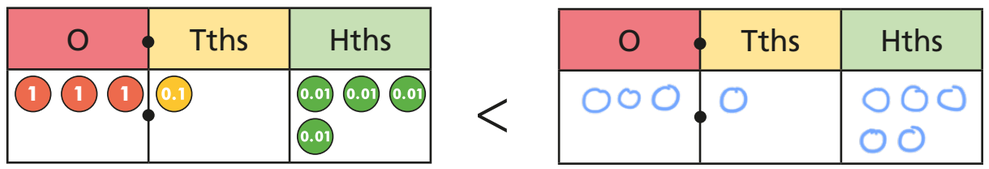
d)



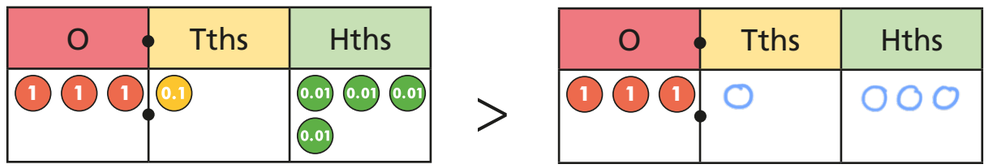
Did you have to compare all the columns for every question?

2 Draw counters to make the statements correct. e.g.

a)



b)



3 Write < or > to compare the decimals.

a)

O	Tths	Hths		O	Tths	Hths
7	6	8	>	7	0	2

b)

O	Tths	Hths		O	Tths	Hths
3	2	5	<	3	9	6

c)

O	Tths	Hths		O	Tths	Hths
0	4	1	>	0	2	9

d)

O	Tths	Hths		O	Tths	Hths
1	0	3	<	1	2	0

e)

O	Tths	Hths		O	Tths	Hths
2	7	2	>	2	7	1

4 Complete the place value charts to make the statements correct. e.g.

a)

O	Tths	Hths		O	Tths	Hths
6	2	8	<	6	2	9

b)

O	Tths	Hths		O	Tths	Hths
3	2	6	>	3	2	5

c)

O	Tths	Hths		O	Tths	Hths
9	9	8	<	9	9	9

d)

O	Tths	Hths		O	Tths	Hths
1	4	6	>	0	8	9

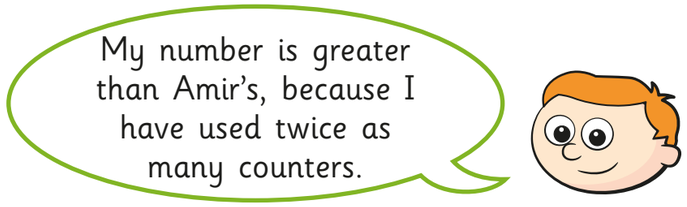
5 Ron and Amir have each made a number using counters on a place value chart.

Ron's looks like this:

Ones	Tenths	Hundredths
	●●●●	●●

Amir's looks like this:

Ones	Tenths	Hundredths
●●●		



Do you agree with Ron? NO

Explain your reasoning.

6 Draw exactly 8 counters in each chart to represent a number that matches each statement. e.g.

a) a number less than 0.76

Ones	Tenths	Hundredths
	●●●●●●	●●

b) a number more than 5.74

Ones	Tenths	Hundredths
●●●●●●	●●	

c) a number between 5.13 and 5.29

Ones	Tenths	Hundredths
●●●●●	●●	●

How many different answers are there for each statement?

7 Write < or > to compare the numbers.

a) 3.2 < 3.8

b) 1.46 > 1.43

c) 1 > 0.99

d) 0.16 < 0.8

8 Fill in the missing digits to make the statements correct. e.g.

a) 0.34 < 0.3<u>5</u>

b) 2.42 > 2.4<u>1</u>

c) 0.74 < 0.<u>8</u>2

d) 1.3<u>1</u> < 1.3<u>2</u>

e) 2.<u>4</u>2 > 2.<u>3</u>2

f) 0.8<u>9</u> < 0.<u>9</u>9

Is there more than one answer for each?

9 Here are four digit cards.

7	0	3	1

Use each digit card once to make this statement correct.

e.g. 7.0 > 3.1

How many possible answers are there?