COMPARE DECIMALS

GET READY

1) Match the symbols to their correct meanings.

$<$	equal to
$=$	less than
$>$	greater than

2) Compare the numbers using the correct symbol.

27 ◯ 21 27 ◯ 51

3) Make 30.48 on the place value grid.

Tens	Ones	tenths	hundredths

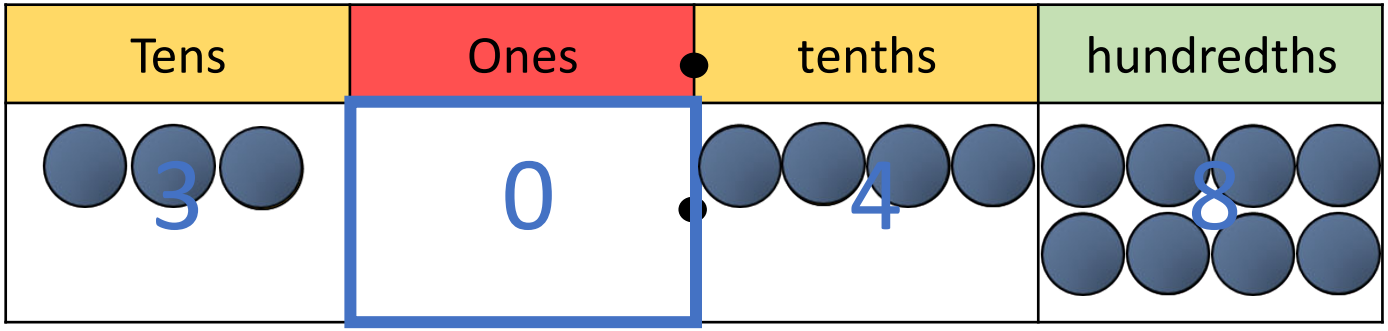
1) Match the symbols to their correct meanings.

<	equal to
=	less than
>	greater than

2) Compare the numbers using the correct symbol.

27 (>) 21 27 (<) 51

3) Make 30.48 on the place value grid.



LET'S LEARN

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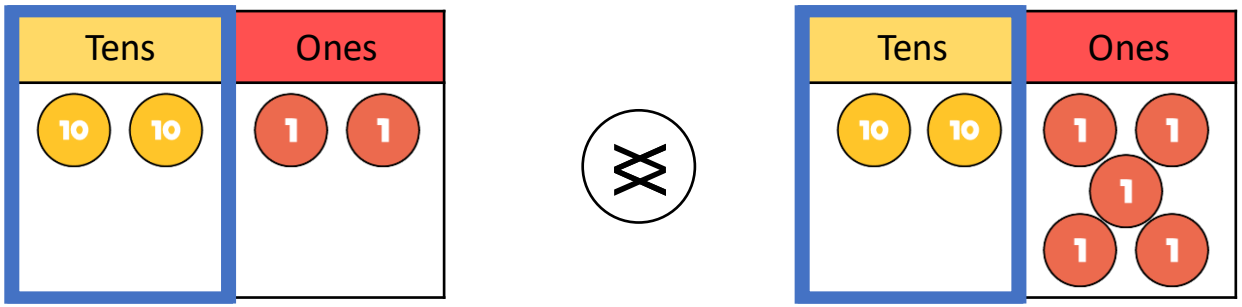
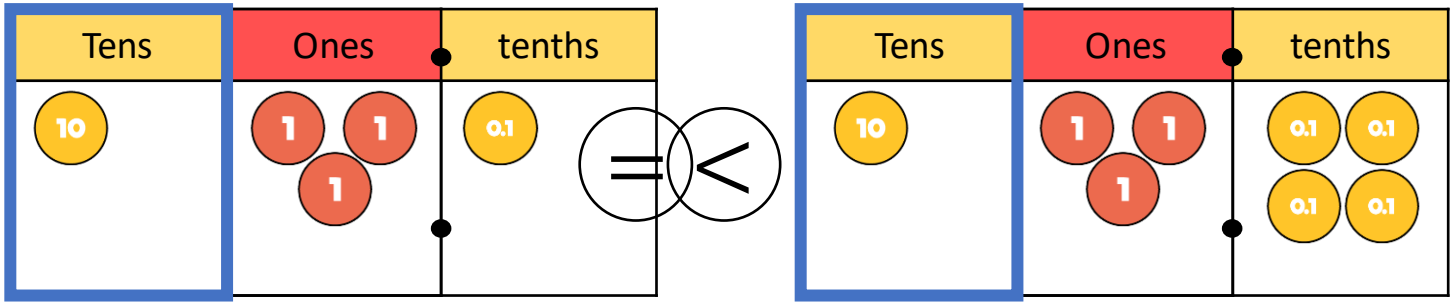

Tens
Ones
10
10
1
1
≠
Tens
Ones
10
10
1
1
1
1
1


Tens
Ones
tenths
10
1
1
1
0.1
=
<
Tens
Ones
tenths
10
1
1
1
0.1
0.1
0.1
0.1

Who do you agree with?

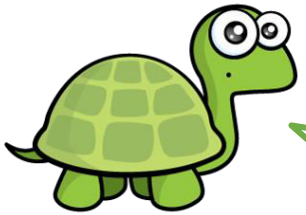
A

Tens	Ones	tenths	hundredths
10 10	1	0.1 0.1 0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01

<

B

Tens	Ones	tenths	hundredths
10 10	1	0.1 0.1 0.1 0.1 0.1	0.01



They have the same number of tens and ones so the missing symbol is =

No, 5 hundredths is greater than 1 hundredth so A is greater

Neither of you are correct

Have a think

YOUR TURN

Have a go at questions 1 – 2 on the worksheet

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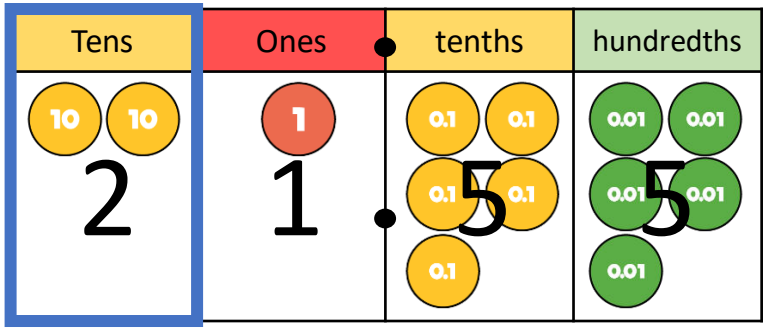
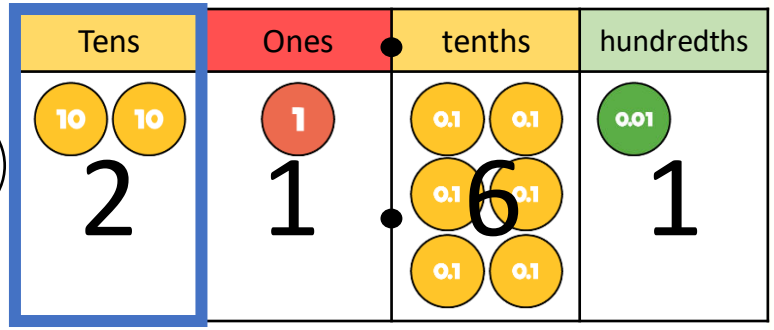
A


Tens
Ones
tenths
hundredths
10
10
1
0.1
0.1
0.01
0.01
0.1
0.1
0.01
0.01
0.1
0.01
2
1
5
5

<

B


Tens
Ones
tenths
hundredths
10
10
1
0.1
0.1
0.01
0.1
0.1
0.1
0.1
2
1
6
1

A

Tens	Ones	tenths	hundredths
3	0 .	4	8

>

B

Tens	Ones	tenths	hundredths
3	0 .	4	3

A

Tens	Ones	tenths	hundredths
	0 .	2	1

>

B

Tens	Ones	tenths	hundredths
	0 .	0	9

Have a think

YOUR TURN

Have a go at questions 3 – 4 on the worksheet

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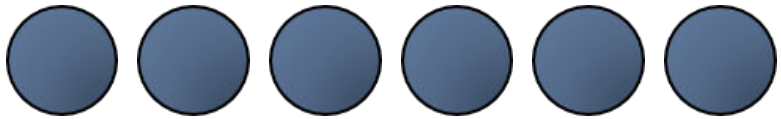
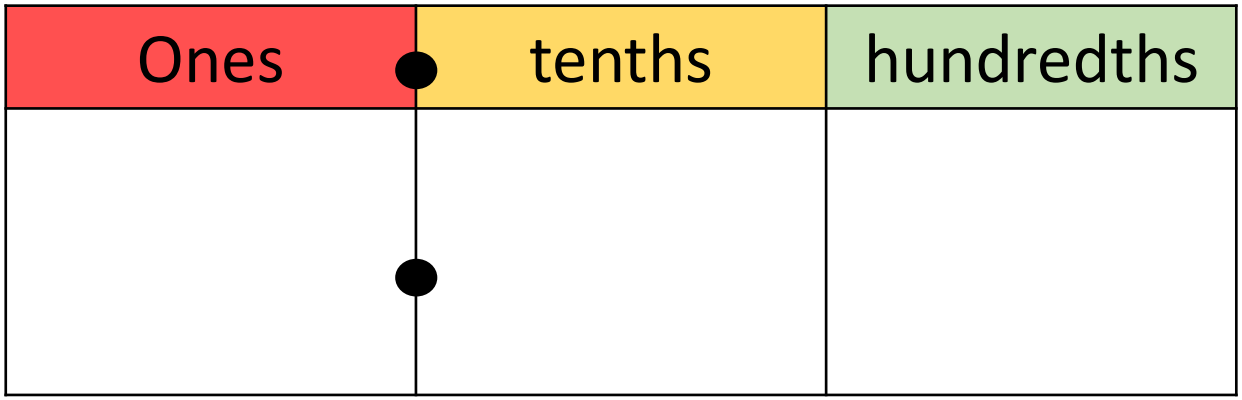




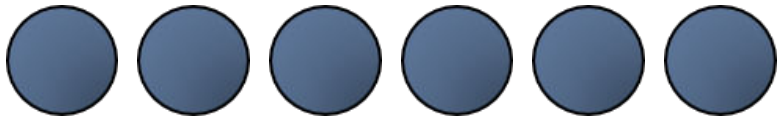
All counters must be placed in the place value grid.

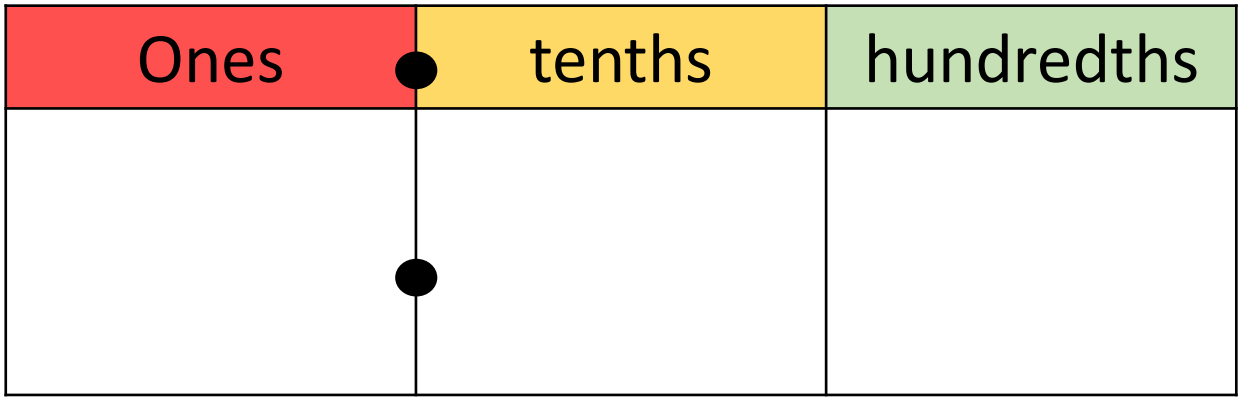
At least one counter must be placed in each column.

What is the greatest number that can be made?

What is the smallest number that can be made?

Have a think



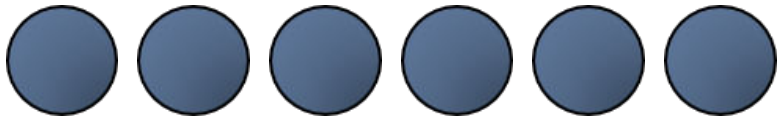


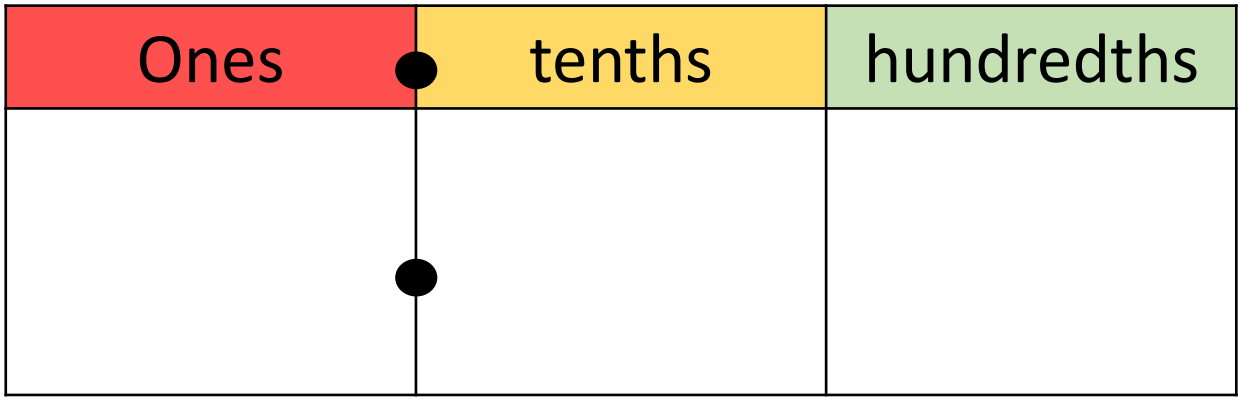
All counters must be placed in the place value grid.

At least one counter must be placed in each column.

What is the greatest number that can be made? 4.11

What is the smallest number that can be made?





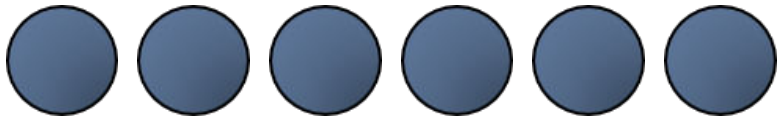
All counters must be placed in the place value grid.

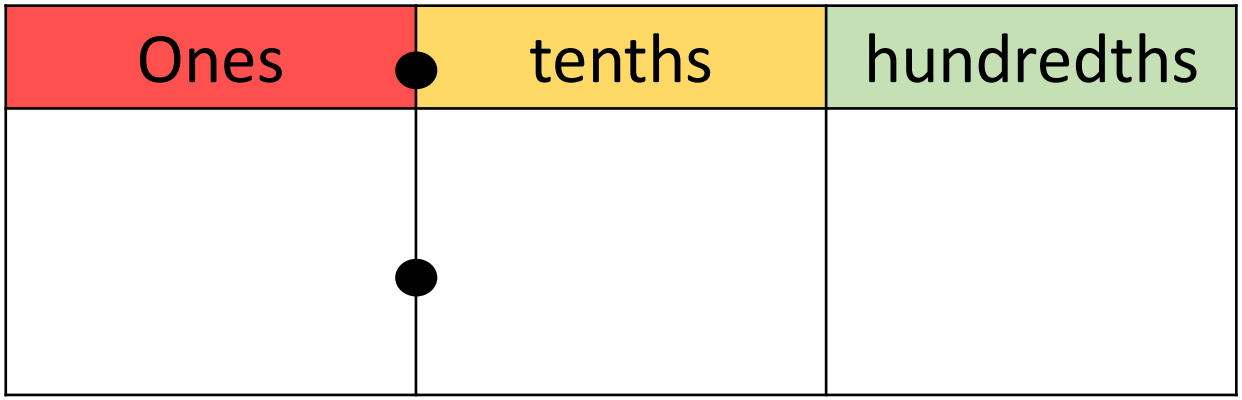
At least one counter must be placed in each column.

What is the greatest number that can be made? 4.11

What is the smallest number that can be made? 1.14

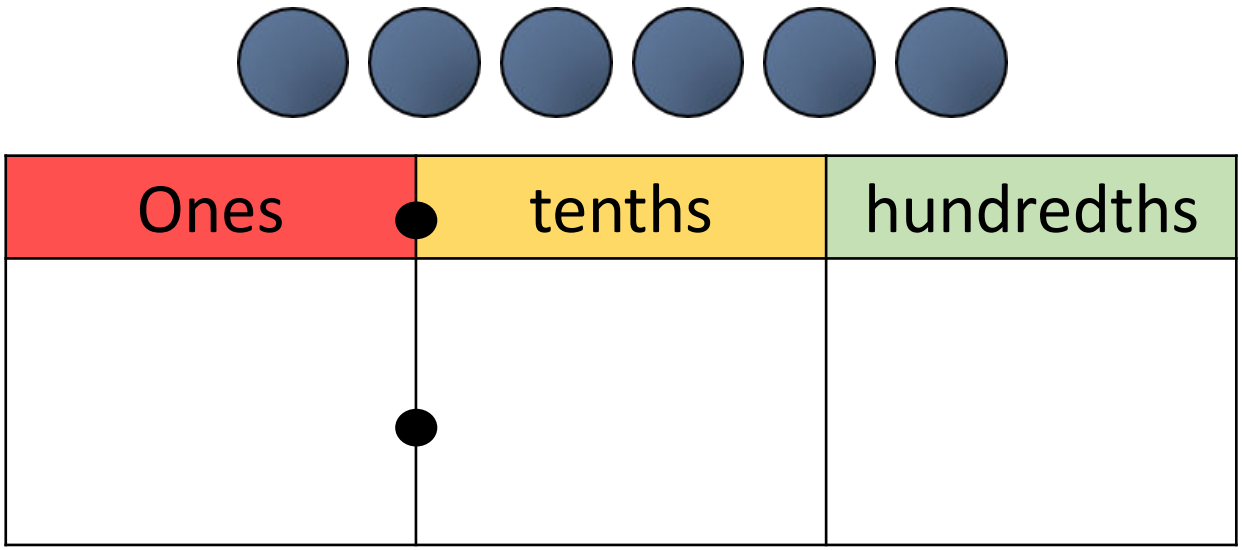
What if counters only needed to be placed in 2 of the columns?





How many numbers between 3 and 4 can be made?

Have a think



How many numbers between 3 and 4 can be made?

3.3 3.21 3.12 3.03

How many numbers between 1 and 3 can be made?

YOUR TURN

Have a go at the rest of the worksheet

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