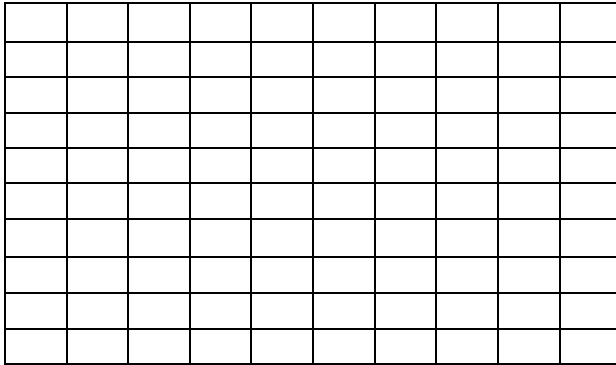


2 decimal places

When you cut something into ONE HUNDRED pieces and then state the number of pieces you have, you are quoting decimals to 2 decimal places!

Imagine a car park with one hundred spaces.



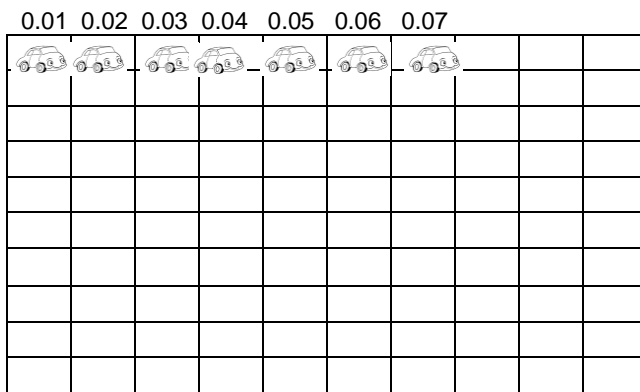
If the WHOLE car park was full of cars you could say ' One whole car park is full '

You would use the number 1 to show the number of full car parks.

If only part of the car park is full what can you write to show the amount of the car park that has cars????

This is where you use decimals !!

Imagine there are seven cars in a car park as shown below.



100 spaces
10 spaces per row
1 space per car

You cannot use the number 1 as the whole car park is not full.

So you use decimal places 0.07

(0.07 means no full car park, no full rows but seven out of one hundred spaces occupied.)

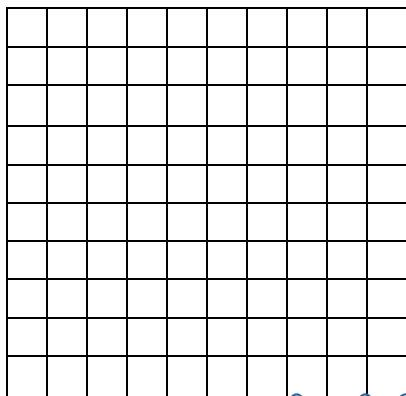
1) Complete the table below with the names of decimals places and meaning. The first two have been done for you.

Decimal	How you say it	What it means
0 . 0 1	Nought point zero one	One out of one hundred
0 . 1 0	Nought point one	Ten out of one hundred
0 . 0 2		
0 . 0 5		
0 . 1 6		
0 . 2 2		
0 . 3 5		
0 . 8 9		
0 . 9 9		
1 . 2 7		

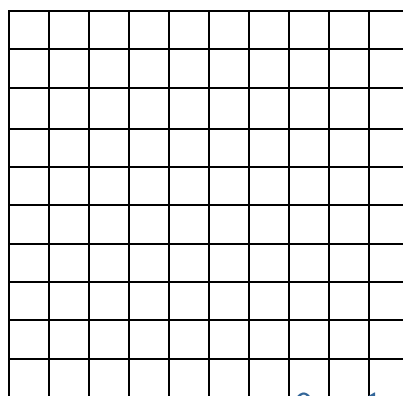
2) A car park of one hundred spaces has 54 cars in it. State, as a number, the value of the car park that is full.

.....

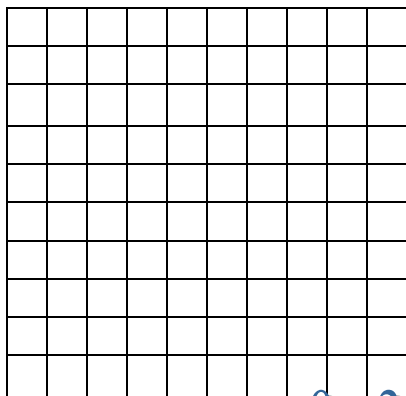
3) For each of the boxes shade in the value of the decimal shown.



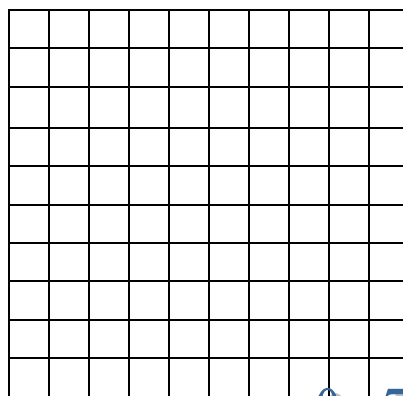
0.09



0.18

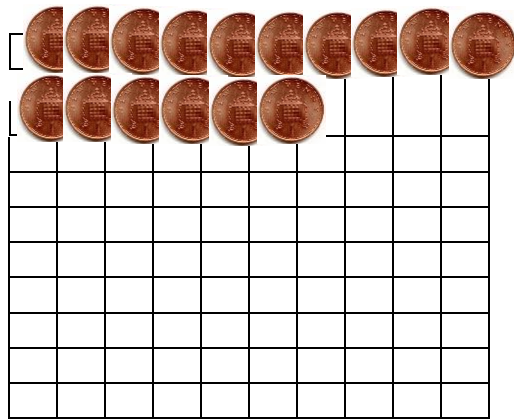


0.37



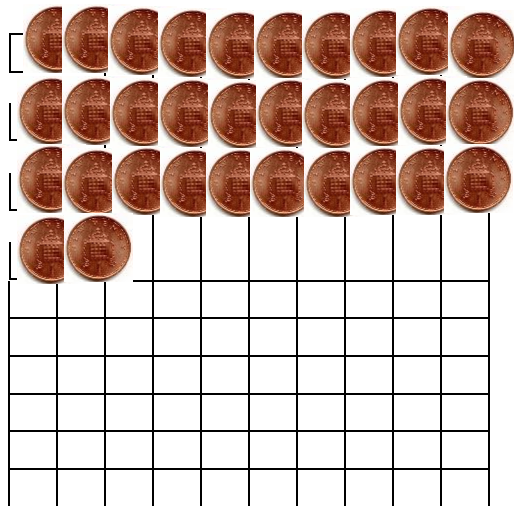
0.72

4) Example



Write the value shown above IN POUNDS

Answer - There are 16 pence so the answer in pounds is £ 0 . 1 6



5) What is the value of the money shown above IN POUNDS ??

.....

6) a) A small ferry can transport up to one hundred people. On this trip there are only 68 people on board. What value of the boat is full?

.....

b) How do you say this? (Write the decimal in words)

.....