

September 15th

Mr Jones bought some chickens, each costing £9.

The total cost was £Y271 where Y was unreadable.

What value does Y have? How many chickens were bought?



The total number of chicken must be an integer.

Therefore, £Y271 must be a multiple of 9.

The digit sum is $Y + 2 + 7 + 1 = Y + 10$

To be a multiple of 9, the digit sum must be a multiple of 9.

Hence **Y=8**

£8271 ÷ 9 = **919 Chickens**