School Production
Income from Selling Tickets
Section 2 of the Financial Model

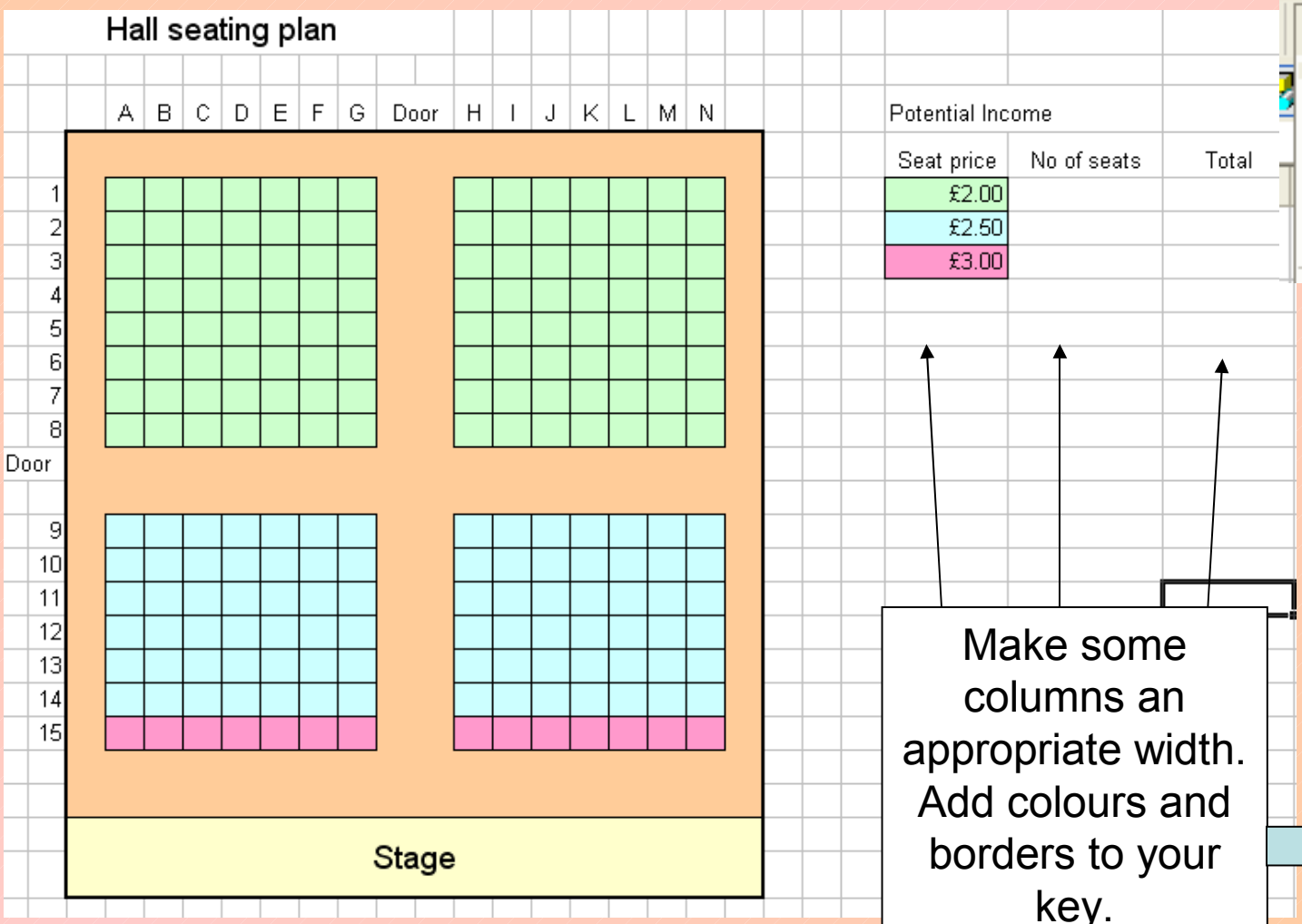
Unit 9.3
Lessons 4-7
Selling Tickets

PART 1

Potential Income

What is the most we can make by selling ALL seats?

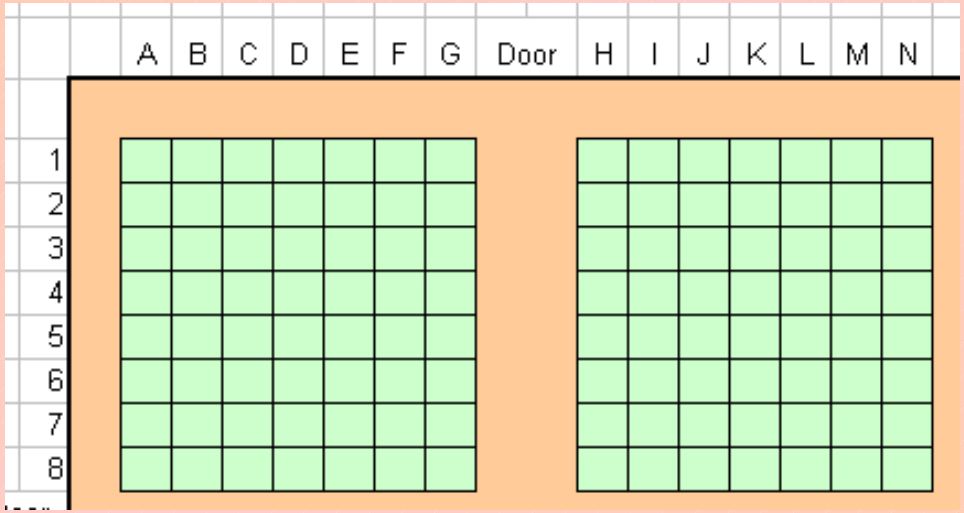
Setting out the table



Calculating the number of seats

Potential Income		
Seat price	No of seats	Total
£2.00	=8*14	
£2.50		
£3.00		

Multiply the number of rows by the number of columns for each colour



In this example there are 8 rows and 14 columns

Calculating the Totals

1. Multiply the seat price by the number of seats
   - E.g. =A3*B3 is typed into cell D3
   - The * is used for multiplying
   - You will need to use your own cell references
   - Remember to allow a few *'free'* seats for special guests

4 of my 14 £3.00 seats are 'free'

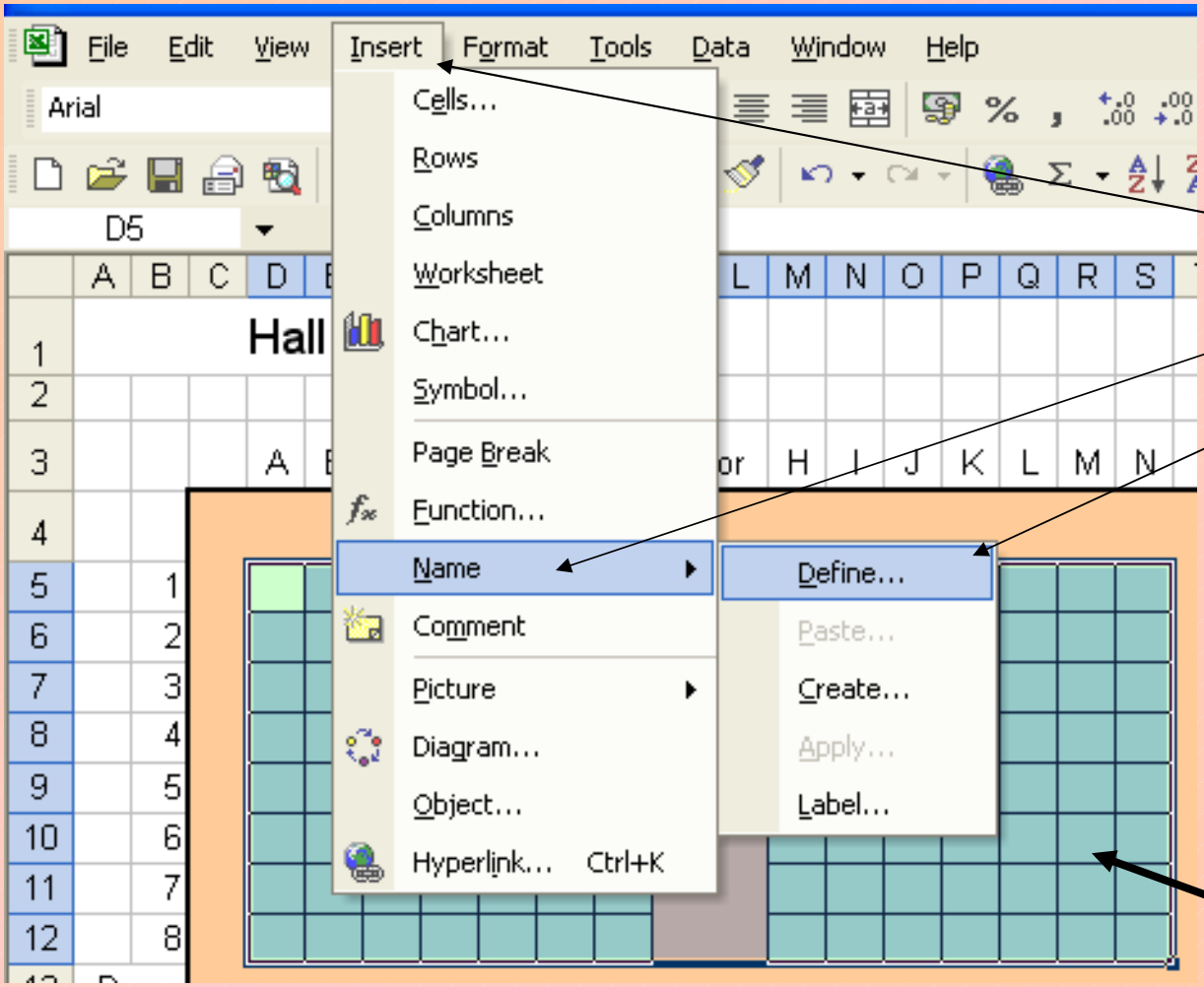
Potential Income		
Seat price	No of seats	Total
£2.00	112	£224.00
£2.50	84	£210.00
£3.00	10	£30.00
Totals	206	£464.00

PART 2

Actual Income

Creating a ‘live’ booking system that will update itself

Naming sets of cells (1)



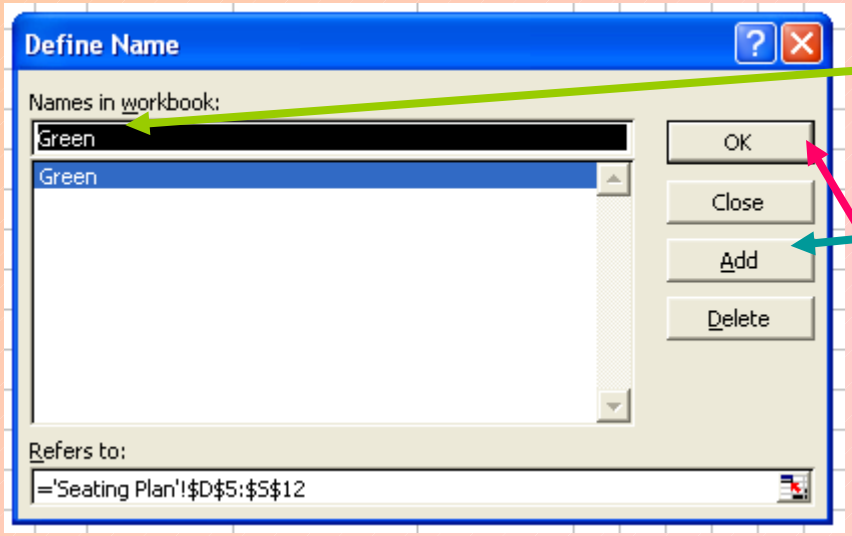
2

Select *Insert / Name / Define*

1

Highlight a group of seats

Naming sets of cells (2)



1

Type an appropriate name (no spaces)

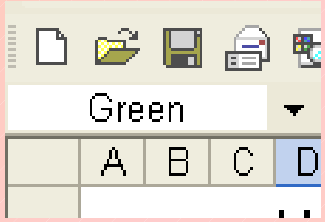
2

Select add

3

Select OK

If you get it wrong delete the name and redo it.

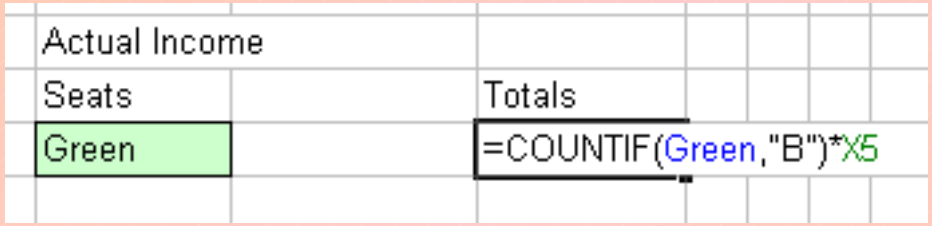


If you do it correctly the name appears in the top left hand corner of your work sheet.

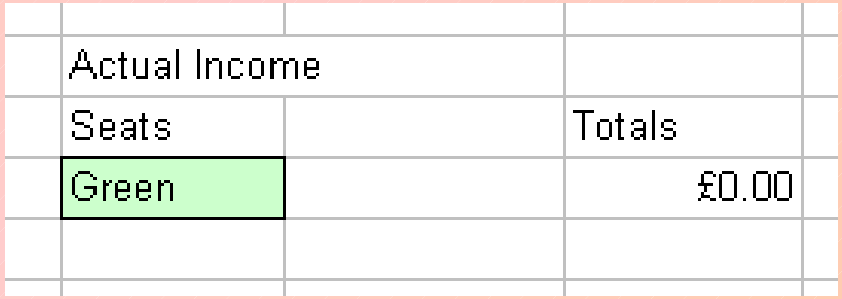
Using the '*Countif*' formula (1)

Type the required labels and

the '*countif*' formula below your Potential Income table



X5 is the cell reference where the price of green seats is stored.

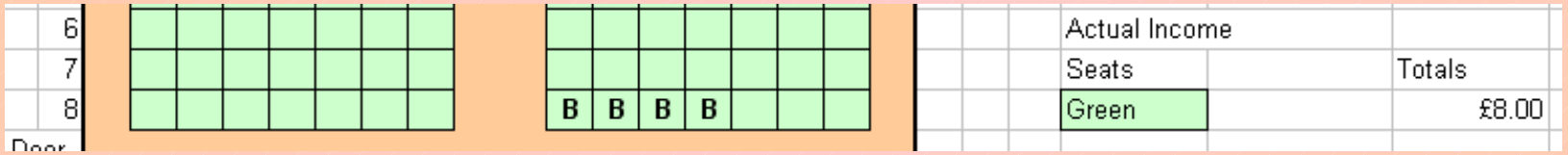


You should have £0.00 if you followed the instructions correctly

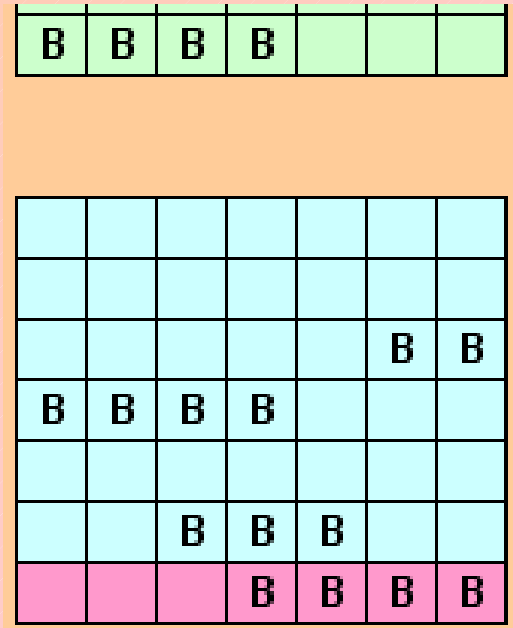
Using the '*Countif*' formula (2)

<u>To see the effect of the countif formula:</u>

Imagine that Mrs Moore has just taken a telephone booking for 4 seats in Row 8. She types a 'B' for Booked. The total income is added to the table.



n e x t



Actual Income		
Seats		**Totals**
Green		£8.00
Blue		£22.50
Pink		£12.00
	Total	**£42.50**

Go back slide 7 and repeat the process until all your seats are part of your automated booking system