



<b>Essential Activity:</b>	<b>Topic 5 – Averaging covers</b>									
<b>Student Name:</b>										<b>30</b>
<b>Student Number:</b>	<b>D</b>	<b>H</b>	<b>M</b>							

The Manager of the Ritz Café is trying to establish a trading pattern for the quieter winter period. Data has been collected over a period of 5 weeks.

The information collected appears in Table 1.

**TABLE 1**

**Week 1**

<i>Average covers per day for Winter period mid-Nov to end Dec</i>							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Lunch	36	44	40	52	60	82	96
Dinner	84	80	78	98	112	128	106

**Week 2**

<i>Average covers per day for Winter period mid-Nov to end Dec</i>							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Lunch	42	36	38	50	58	80	94
Dinner	90	78	76	96	110	126	104

**Week 3**

<i>Average covers per day for Winter period mid-Nov to end Dec</i>							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Lunch	34	32	34	46	54	76	90
Dinner	80	74	72	92	106	122	100

**Week 4**

<i>Average covers per day for Winter period mid-Nov to end Dec</i>							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Lunch	50	46	44	56	66	90	100
Dinner	78	82	80	94	100	120	96

**Week 5**

<i>Average covers per day for Winter period mid-Nov to end Dec</i>							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Lunch	58	48	50	60	72	94	108
Dinner	76	88	84	98	104	122	102



- 
1. Calculate the average business volume for each day of the week across the five (5) week period. Ensure that you show the averages for lunch and dinner as well as the total for each day. (22)

Present your calculations in table format and round up to a whole number.

2. Depict the calculated averages on an Excel graph. (8)

Be sure to name and label the table axis's accordingly. The figures for lunch, dinner and the total must be identifiable in the table.

<b>Submission date</b>	<b>Tuesday, 06 July 2021</b>
------------------------	------------------------------