



Unit 8.3

Spreadsheets

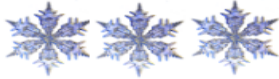
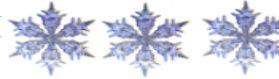
Homework Booklet

Name.....

Teacher.....

Lesson Time

Homework 1 – Spreadsheet Key terms and Formulae

	A	B	C	D
1				
2				
3	Alpine Snow School			
4	Activity / product	Price per unit	Unit sales	Total revenue
5	Ski lessons	£16.00	120	£1,920.00
6	Snowboarding lessons	£18.00	75	£1,350.00
7	Lift pass	£5.00	195	£975.00
8	Total revenue			£4,245.00
9				
10	Costs	Cost per unit	Units bought	Total costs
11	Instructors wages	£65.00	10	£650.00
12	Hire of lift equipment	£350.00	1	£350.00
13	Equipment loan repayment	£400.00	1	£400.00
14	Total costs			£1,400.00
15				
16	Profit			£2,845.00
17				
18				
19				

Use the Alpine Snow School spreadsheet above to answer the following questions:

1. If the Snow School wanted to calculate how much it would cost to double the amount of instructors you hired, which cell would you change?

2. If Snow School wanted to double the amount of instructors, would they still make a profit?

YES or NO (*circle correct answer*)

3. What is the formula used to calculate the total cost for hire of lift equipment

4. What type of information is in each of these cells?

Put a cross under 'data', 'formula' or 'label' for each cell address.

Cell address	Formula	Data	Label
B4			
D4			
D7			
B5			
A12			

Homework 2 – Modelling – Key Words

Below are six words that are used when talking about spreadsheets.
Write the meanings of the words on the dotted lines beneath each one:

Row

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Column

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Spreadsheet

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Model

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Label

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Formula

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Homework 3 - Formulae with Spreadsheets

Complete the following sheet using **only formulae**

	A	B	C	D
1	Games	Trade Cost	Selling Price	Profit
2	007	10.99	29.99	=
3	Grand Theft Auto	8.99	39.99	=
4	Halo	13.99	32.99	=
5	Total Profit			=

	A	B	C	D
1	Trainer	Cost of trainer	Cost of delivery	Sub Total
2	Nike	129.99	7.99	=
3	Addidas	89.99	5.99	=
4	Reebox	29.99	10.99	=
5	K Swiss	59.99	2.99	=
6	Totals	=	=	=

	A	B	C	D
1	Mobile phone	Cost	How many	Sub Totals
2	Nokia	69.99	2	=
3	Sony	89.99	1	=
4	Samsung	29.99	3	=
5	Ericsson	12.99	4	=
6	Total			=
7	Your Budget			1000.00
8	Can you buy them all?			

Homework task 4 – Business Homework