

# Computer Applications Technology

## Grade 10



Excel Mathematics

**Boom Private School**

	A	B	C	D	E	F	G	H	I	J
1	<b>Your Food Store</b>					<b>Mr. Boom's Budget</b>			<b>Hulk Fuel Supplies</b>	
2	Tel: 555 352 4567					Income			Tax Invoice	
3	TAX INVOICE					Teaching R13,000.00			16.45 PumPH 04	
4	#	Description		cost		Extra Lessons ①			Eco Unlead. 93	
5	1	Coffee		R45.00		TOTAL ②			12.16/Litre	
6	2	Cereal		R56.00						
7	1	Dozen Eggs		R15.00		Expenses			Total 200.05	
8	3	Brown Bread*		R31.47		Rent R4,000.00			Cash 200.05	
9	3	2L Milk		R56.97		Car Payment R700.00			VAT 0	
10	2	Chocolate		R11.20		Water & Lights R300.00			13/04/2001 7:45	
11	1	Cucumber*		R5.99		Groceries ④				
12	1	Lettuce*		R6.80		Cell phone R400.00				
13	1	Large Potatoes		R12.99		Petrol ⑤				
14	1	80 Teabags		R19.99		Clothing R200.00				
15	1	Meat Pack (2.5kg)		R187.48		Insurance R350.00				
16	1	Frozen Vegetables*		R19.80		Medical Aid R1,200.00				
17	Total ⑦					Total: ⑥				
18	VAT ⑧									
19	VAT 0%									
20										
21	Extra lessons per hour: 170									
22	Planned increase: 5					Extra Income with increase ③				

**Remember to use cell references**

- ① Mr Boom gives 4 extra classes per week, of 1 hour each. In G4; Work out how much income he gets from these lessons, using the amount in D21.
- ② In G5; Calculate the total income.
- ③ How much will his income on extra lessons be if he increased the extra lesson rate per hour?
- ④ If Mr Boom spends this much money on food every week, calculate his total groceries.
- ⑤ Mr Boom buys the same amount of petrol every week. What will his total expense be on petrol?
- ⑥ Calculate the total expenses.
- ⑦ Calculate the total amount spent at the grocery store.
- ⑧ Calculate the total amount VAT (you might have to do many calculations in one)
- ⑨ How much does one bread cost?
- ⑩ How much does one 2L Milk cost?