

# Computer Applications Technology

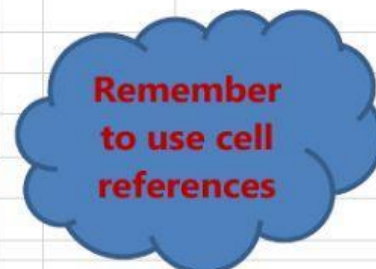
## Grade 10



**Boom Private School**

Excel Mathematics

|    | 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               |   |   |                           |   |
| 9  | 3                       | 2L Milk            |   | R56.97  |   | Car Payment R700.00          |   |   | Cash 200.05               |   |
| 10 | 2                       | Chocolate          |   | R11.20  |   | Water & Lights R300.00       |   |   | VAT 0                     |   |
| 11 | 1                       | Cucumber*          |   | R5.99   |   | Groceries ④                  |   |   | 13/04/2001 7:45           |   |
| 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 |   |   |                           |   |



- 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?