Grade 8 Worksheet

Financial mathematics   Total: 30

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You may use a calculator

Write neatly and legibly.

Show ALL your working out.

QUESTION 1:

1.1 Calculate 10% of R150   (2)

1.2 Calculate 15% of R300   (2)

1.3 Calculate 47% of R490   (2)

1.4 Calculate 13% of R90   (2)

QUESTION 2:

Valerie's Dress Shop has a sale on Saturday. Dresses will be for sale at a discount of 25% and skirts will be for sale at a discount of 30%. Lihle buys a dress for R214 and a skirt for R140.

Example: Mpilo buys a shirt marked R180. He gets a discount of 50%. How much will he pay for the shirt?

$$\frac{50}{100} \times R180$$

R90

Therefore he will pay R180,00 − R90 = R90

2.1 How much will Lihle pay for the dress after the discount?   (2)

2.2 How much will Lihle pay for the skirt after the discount?   (2)

2.3 How much will Lihle pay in total for the dress and skirt?   (2)

2.4 If 14% VAT is added to her total (found in question 2.3), how much would Lihle have to pay?   (2)

QUESTION 3:

Leona buys 10 sacks of oranges for R200,00. Each sack contains 30 oranges. She sells ALL the oranges for R1, 50 each.

3.1 How much of money will Leona make after selling all the oranges? (2)

3.2 What will Leona's profit be? (2)

3.3 If Leona had to pay R50 for the driver to deliver the oranges from Adams Merchandise for her, how much of her profit will be left? (2)

REMEMBER: Profit is calculated as follows:

Profit = Selling Price - Cost Price   OR

Profit = Income - Expenses

QUESTION 4:

Jake's Auto Spares needs R13 000 to cover all his expenses each month.

4.1 If Jake made R 20 000 PROFIT in January. How much INCOME did he receive for the month. Use the information in the textbox above to help you. (3)

4.2 If he made R5000 LOSS in February. How much income did he receive for the (3)

month?

QUESTION 5:

Deon buys a laptop for R8000. The next year he sells it for R6 900.

Does he make a profit or a loss? Show your working out. (2)

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