

YEAR 8 MATHEMATICS WEEK 11 2020 (TERM 1)

Year: 8

Date: Friday 17 April 2020

STRAND: NUMBERS

TOPIC: PERCENTAGE (%)

LESSON OUTCOME: TEST 1

Instructions: Hi dear Parents/Guardians and students - In this Lesson students are going to do **TEST 1** based on Maths 8 (Book 1 Ex.3.21 – 3.22; Ex.4.1 – 4.4) and (Book 2 Ex.1.1 – 1.3). In other words TEST 1 covers WEEK 9 – WEEK 11.

*[Note that all the Quizzes/Test and or Assignment will be based on the selected questions for each exercise. These lessons are designed for **one hour per Lesson.**]*

TEST 1 Instruction: Students are allowed to sit this test under the supervision of the Parent/Guardian. This test should be treated under formal exam condition which timed for one hour. Students are encouraged to write their answers on this handout and show their working out. This test is out of 25 Marks. All the best.

Q1. Calculate

a) 10% of 900

[1 Mark]

b) 25% of 100

[1 Mark]

Q2. For the sentence ‘I am good at calculating Percentages’ find:

a) The percentage of consonants. [2 Marks]

b) The percentage of vowels. [2 Marks]

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Q3. For the Class of Year 6 students at Wuhan School, calculate the percentage of students who are:

a) 10 years old (9 students) [1 Mark]

b) 11 years old (7 students) [1 Mark]

c) 12 years old (6 students) [1 Mark]

Q4. Mr Bean was given 8000 Vatu to spend on face masks at Health Wise Store. He bought 10 Small size at 1000 Vatu, 5 Medium size at 2550 Vatu, 3 Large size at 630 Vatu and 2 Extra Large size at 840 Vatu. What was the total cost? What was his change?

[2 Marks]

Q5. Complete the table by calculating **a** and **b** amounts [2 Marks]

Date	Deposits	Withdrawals	Balance
17/03/2020	-----	-----	10000 Vatu
16/04/2020	5000 Vatu	-----	a: _____
17/04/2020	-----	6000 Vatu	b: _____

Q6. Lydia sold 30000 Vatu worth of clothes one week. She receives 40% commission from the ownwer of the store. How much money did she earn? [2 Marks]

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Q7. Prisca, a flight agent, earns 15% commission on the first 84000 Vatu and 10% on the rest. If she made a sale worth 120000 Vatu, what did she earn? **[3Marks]**

Q8. Evaluate the following amounts:

a) $2020 \text{ Vatu} + 4550 \text{ Vatu}$ **[1 Mark]**

b) $240 \text{ Vatu} - 35 \text{ Vatu}$ **[1 Mark]**

Q9. Due to the state of emergency, Mr Nogataem went to the shop and bought a 25kg bag of Rice. He also bought 5 Hand Soap for 200 Vatu each and 5kg chicken wings for 2700 Vatu. On his way home he stopped to buy 2 bottles (700 ml) at 1000 Vatu each.

a) How much money did he spend altogether? **[1 Mark]**

b) Calculate his change from 10000 Vatu. **[1 Mark]**

c) What % of his money did he spend? **[1 Mark]**

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Q10. Find the total cost of 12 articles at 100 Vatu each, 6 at 90 Vatu each and 7 at 60 Vatu each.

[2 Marks]

Solutions: Solutions will be available online via

<https://www.facebook.com/centralschoolemergencyforum/posts/108720557434149>