

## YEAR 8 MATHEMATICS WEEK 10 2020 (TERM 1)

**Year: 8**

**Date: Monday 6 April 2020**

**STRAND: NUMBERS**

**TOPIC: PERCENTAGE (%)**

**LESSON OUTCOME: At the end of this lesson student(s) should be able to find % of Amounts (Money).**

**Instructions: Hi dear Parents/Guardians and students** - In this Lesson students are going to find % of amounts (dealing with money) and do the selected questions for **Exercise 4.1**.

*[ 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**. ]*

**What to do:** Do the following selected questions

**Exercise 4.1: Question 1, Question 10, Question 11, Question 12**

**Solutions: Solutions will be available online via**

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

## Topic Four: Money

### EXERCISE 4.1

1. A shopkeeper in Vila sold his kerosene in bottles. A big bottle contained 750ml and cost 240vt. A small bottle contained 300ml and cost 110vt. How many times could a small bottle be filled with a big bottle?  
  
The shopkeeper had 6 litres of kerosene. He put half in big bottles and half in small bottles. How many big and small bottles did he prepare?  
  
The shopkeeper bought his kerosene at 50vt per litre. He paid 40vt for a small bottle and 70vt for a big one. What was his total cost?  
  
He sold the big bottles for 240vt and the small ones for 110vt. He sold all his bottles. How much did he receive? What was his total profit?
2. Mathias had 13 coins in his pocket equal to 750vt. On his way to the shop he tripped and dropped all his money. He searched in the grass and found three 100vt coins and one 50vt coin but he could not find the rest. How much had he lost? How many coins had he lost? What were the values of the coins?
3. Mr Tarip went to the store and bought a bucket at 880vt, two brooms at 1100vt each and a bush knife at 1200vt. He was given a 25% discount for the bush knife only. How much did Mr Tarip pay for the brooms? How much did he pay for the bush knife? What was the total cost?
4. Marie went to the road market in Vila. She bought a leaf-rolled island cabbage for 100vt, 2 ripe pawpaws at 40vt each and a bundle of water taro for 200vt. What was her total spending?
5. David had saved 1200vt for a radio which cost 1550vt. How much more did he need?
6. Mr Garu went to the cooperative to buy pineapples. He bought 3 pineapples at 50vt each. How much change did he get from 500vt?
7. Three students went to the market. John bought 3 naus and paid 60vt altogether. Alan bought 2 tuluks which cost 100vt altogether. Jacob bought a piece of laplap for 150vt. What did they spend altogether? How much was one naus? What is 10% of the total cost?

8. Singo's mother sent him to the shop to buy rice to the value of 350vt, 2 packets of sugar at 130vt and a tin of milk powder at 190vt. What was the total cost? What was his change from 1000vt? What percentage of her money had she spent?
9. Mr Tari is a fisherman. He has fish but no money, Mr Vati is a farmer. He has taro but no fish. They agree to an exchange: 2 fish for a piece of taro. Mr Vati wants 6 fish. How much taro should he give? How many taros will Mr Tari want for 7 fish?
10. Linda was given 1000vt to spend at the village store. She bought 4 pens at 40vt, 2 exercise books at 75vt and a blouse for 500vt. What was the cost and what was her change?
11. Jenny went shopping. She bought a packet of soap powder for 180vt, a packet of rice for 130vt, 2 cans of tinned fish at 165vt, a packet of noodles for 50vt and a shirt for her son. She paid with a 1000vt note and received 10vt change. How much was the shirt?
12. What is 5% of 60% of 1600vt?