



GRADE 12 MATHEMATICAL LITERACY MARCH TEST

QUESTION 1

Jane calculated her total salary for the previous year. It came down to the following:

Basic Salary
Salary of 12 months

Salary of 12 months
Salary of 12 months

1.1 What is the total?

1.2 What is the total?

The teacher explained that the total was related to the value of 12442.20.

1.3 What is the total?

1.4 What is the total?

1.5 What is the total?

QUESTION 2

Use the graph to answer the questions that follow.

Monthly expenditure	Spent for 2000	Income
	2000	
100 000	100 000	100 000
150 000	150 000	150 000
200 000	200 000	200 000
250 000 and more	250 000	250 000

2.1 What is the total?

2.2 What is the total?

2.3 What is the total?

2.4 What is the total?

2.5 What is the total?

100
100

QUESTION 3

3.1 Tony wants to buy a laptop for school. He is looking at the following options:

Option 1	Option 2	Option 3
Cost: R1000	Cost: R1000	Cost: R1000
1000	1000	1000
1000	1000	1000

3.1.1 What is the total?

3.1.2 What is the total?

3.1.3 What is the total?

3.2 In order to make money to fund his laptop, Tony decides to plan out his income in his neighborhood. He decides to charge for 1000 per month for using his laptop. He also decides to charge for 1000 per month. Tony decides to charge for 1000 per month.

3.2.1 What is the total?

3.2.2 What is the total?

3.2.3 What is the total?

3.3 Tony buys food and a laptop at the school book shop. He options are:

Option 1: 1000
Option 2: 1000
Option 3: 1000

3.3.1 What is the total?

3.3.2 What is the total?

3.3.3 What is the total?

100
100
100

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R Sandford



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sep 1 2021 in this paper a novel wideband hexagonal cavity backed slot antenna array waveguide siw is proposed first a single element low profile wideband linearly polarized cavity backed antenna using two slots is designed and analyzed the antenna bandwidth is increased by nrws which makes both hybrid modes of tm input impedance keywords

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jul 24 2023 the feed network of the antenna is composed of an air filled rectangular waveguide rwg to substrate integrated waveguide siw transition and a power division feed network finally the array element and the feed network are combined to form an 8 times 16 slot array the overall simulation design is carried out in hfss