

GRADE 11 MATHEMATICAL LITERACY

SEPTEMBER TEST

QUESTION 1	FINANCES	20
MARKS		

Jane needs to raise funds for her school's softball team. She decides to sell brownies on Fridays. She decides to sell them for R5 a piece. She buys the following ingredients to make 50 brownies:

Cacao	R102,50
Butter	R46,80
Sugar	R38,20
Eggs	R66,60

1.1 Give TWO ideas on how Jane can promote brownie sales.
(2)

1.2 What does it mean to break even?
(1)

1.3 She determines that other expenses like packaging and electricity will add up to about R50,00. Determine how many brownies she should sell to break even. (5)

(3)

1.5 Is R5 an appropriate selling price? Give a reason for your answer.
(2)

1.6 She sells 50 brownies every Friday for 8 weeks for R7,00 a piece.

Determine the amount of money she makes.
(2)

1.7 She calculates that one brownie costs her R6,20 to produce.
What is her profit margin?
(3)

1.8 To fund this project, Jane borrowed R1050,00 from her dad with a
2% interest rate. Determine the amount she has to repay him.
(2)

QUESTION 2	MAPS & PLANS	16
MARKS		

The Grade 11's will be going to the Cradle of Humankind on their yearly trip.
Use the map on **ADDENDUM A** to answer the following questions.

2.1 Convert the graphical scale to a numeric scale.
(3)

Grade 1 accounting Controlled Test September

David Baud



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