

GRADE 10 MATHEMATICAL LITERACY

SEPTEMBER TEST

QUESTION 1

10 MARKS

MEASUREMENTS

Uindi wants to change her bedroom décor. The room is rectangular with a length of 4m and a width of 300cm. Her budget is R500.

1.1 Determine the area of her bedroom.

(2)

1.2 She wants to put bunting on both the long walls.

How many meters will she require?

(2)

1.3 She decides to paint her bedroom lilac. One 5l can, will cover an area of $15m^2$.

Determine how much paint she will need. Round off to the nearest litre. (4)

1.4 If the bunting costs R20,50 and the paint R387,30, how much money will she still have left?

(2)

QUESTION 2

MARKS

FINANCES

10

Jason wants to tour through Europe. He works at a local pharmacy over the weekends, earning R80 per hour. He also receives R500 pocket money each month and was gifted a total amount of R2050 from friends and family for his birthday.

2.1 Determine his annual pocket money.

(1)

2.2 If he works 10 hours per weekend for 42 weekends, how much does he make at the pharmacy?

(3)

2.3 The tour is on special and will cost him R28325, spending money excluded.

Will he have enough if he saves all the money from the pharmacy,

his birthday and pocket money? How much will he short/have extra? (4)

2.4 List TWO ways Jason can make/save more money for his tour.

(2)

Mathematical Literacy September 2014 Grade 10 Term Test Memorandum

David Baud

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