

THE GRANGE CHRISTIAN SCHOOL

MID YEAR EXAMS – 2013

GRADE 7 – MATHS PAPER 2

SECTION A [25 MARKS]

Answer all questions in this section

1. a) Write one thousand and nine in figures. [1]
b) 304, 05 rounded off to the first decimal place is _____. [1]
2. a) $\frac{5}{8}$ of 248. [2]
b) Express $\frac{3}{8}$ as a decimal. [1]
3. a) $2^3 + 3^2$. [2]
b) Simplify $3\frac{1}{2} - 2\frac{3}{4}$. [3]
4. a) Divide 0,48 by 0,6. [3]
5. a) Express $\frac{5}{8}$ as a percentage. [2]
a) Find $\frac{7}{12}$ of 2 hours. [2]
6. Find the value of angle x
7. a) Find the area of the shape above. [2]
b) State the number of lines symmetry a square has. [2]
8. The area of a rectangle is 80m^2 and one of its sides is 16m long.
Find the width. [2]

SECTION B (15 MARKS)

Answer any three questions in this section.

9. The diagram below shows a box measuring 4m by 3m by 2m.

- a) Calculate the area of the largest face. [1]
 b) Find the surface area of the box if it is open on top. [2]
 c) Calculate the volume of the box. [2]
10. A man borrowed \$500 from the bank. He was charged 8% interest per annum for 6 years.
 a) Calculate the interest he paid back. [3]
 b) Calculate the full amount he paid back to the bank. [2]
11. A retailer bought a television for \$120 and sold it for \$150.
 a) Find the profit. [2]
 b) Calculate the percentage profit. [3]
12. The following is a time-table for a bus that travels from Harare to Masvingo.

HARARE	Departure	0700
CHIVHU	Arrival Departure	0925 0946
MVUMA	Arrival Departure	1026 1039
MASVINGO	Arrival	1300

- a) Find the total stoppage time. [3]
 b) Calculate the total time taken for the whole journey. [2]
13. 12 men build a house in 20 days.
 a) How long will 8 men take to build the same house? [2]
 b) Find the number of men needed to build the house in 15 days? [3]

BEST WISHES!!