**Grade 7 Mathematics 2015**

**Mock Examination**

**Marks: 60**

**Paper 1**

**Section B**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Question 1**



1. Write down the number represented above
2. Write down the number on the abacus in expanded form
3. What would be the new number if you subtracted 8 from the TENS
4. Round off the number on the abacus to the nearest Hundred.

Question 2

Round Off

1. 12 061 to the nearest thousand
2. 2 861 988 to the nearest million
3. 8621.047 to nearest tenth
4. 199.98 to the nearest tenth
5. 6 999 866 to the nearest thousand

Question 3

Match the following using arrows [5]

1. Parallel lines that meet at 90°
2. Perpendicular lines that will never meet
3. More than 180° but a point where 2 lines meet

 less than 360°

1. Vertex a point where lines cross

each other

1. Intersection Reflex

Question 4

1. Using a pencil, ruler and a compass draw a 60° angle [3]
2. Bisect the line below [2]

A\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_B

Question 5

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]

Mr Mamba’s kombi can carry 20 people in 1 load. He was asked

to transport 61 people to town.

1. How many full loads did he transport?
2. How many trips did he make?

Question 6

Complete these patterns

1. 2, 5, 7, 11, \_\_\_\_\_\_, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_
2. 4, 9, 13, 39, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_

Question 7

Work out “your answer should be in their simplest form”

1. 2 ½ - 2/3
2. 2×1/4
3. 2/5 ÷1/8

Question 8

a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]

b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [3]

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]

Lutfo waters his 5 orange trees 2 times a day, he uses a 5 litre bucket

of wayer for eachtree when watering.

1. How many litres of water does he uses in on the trees in a day
2. How many litres of water does he use in 1 litre in a fourth night
3. How many litres of water does he use in all the trees in 1 week?

The water company charges 5cents for each litre of water.

1. How much money does he spend in watering 1 tree for the

whole week

1. How much money does he spend in watering all the trees in

1 day?

Question 9



a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [4]

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [1]
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[1]
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
5. Plot points;

A (1, 1) B (5, 1) C (5, 4) D (1, 6)

1. Join point A to B, B to C, C to D, D to A
2. Move shape ABCD 2 right and 2 up
3. What specific name is given to shape A’ B’ C’ D’
4. Reflect shape A’ B’ C’ D’ over the dotted line and name the

 new shape A² B² C² D²