Education and Sport Development

Department of Education and Sport Development
Departement van Onderwys en Sportontwikkeling
Lefapha la Thuto le Tlhabololo ya Metshameko

NORTH WEST PROVINCE

NORTH WEST PROVINCIAL ASSESSMENT

GRADE 3

MATHEMATICS
NOVEMBER 2016

MARKS: 40

TIME: 1 hour

LEARNER:_____

SCHOOL: _____

DISTRICT:_____

AREA OFFICE: _____

This question paper consists of 14 pages.

Instruction to the learner:

1. Read all the instructions and questions carefully.

2. The teacher will help you through the practice exercises before you start writing the test.

3. Answer all questions in the spaces or frames provided.

4. All working must be shown on the question paper and in the frames and must not be done on rough paper.

5. Do not use a calculator.

6. The test duration is 60 minutes and is out of 40 Marks

Practice exercise

Calculate 137 + 62

Answer by Mental Mathematics

137 + 62 = 199

OR

Answer by using the "breaking-down" method

       137 + 62

= 100 + 30 + 7 + 60 + 2
= 100 + 30 + 60 + 7 + 2
= 100 + 90 + 9
= 199

You may not use the 'Vertical column' method

The test starts on the next page.

1. Arrange 457, 673, 835, 637 from the greatest to the smallest.

   _____, _____, _____, _____

2. Count forwards in 50s from 405 to 605.

   405; _____; _____; _____; 605

Circle the letter of the correct answer for questions 3 to 5.

3. Double 167.

   A   124

   B   244

   C   334

   D   348

4. Round off 26 to the nearest 10.

   A   16

   B   20

   C   25

   D   30
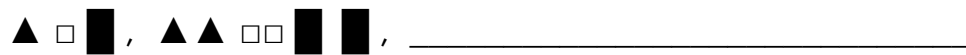
5. Break down the number 254 into hundreds, tens and units.

    A   200 + 50 + 4

    B   200 + 40 + 20
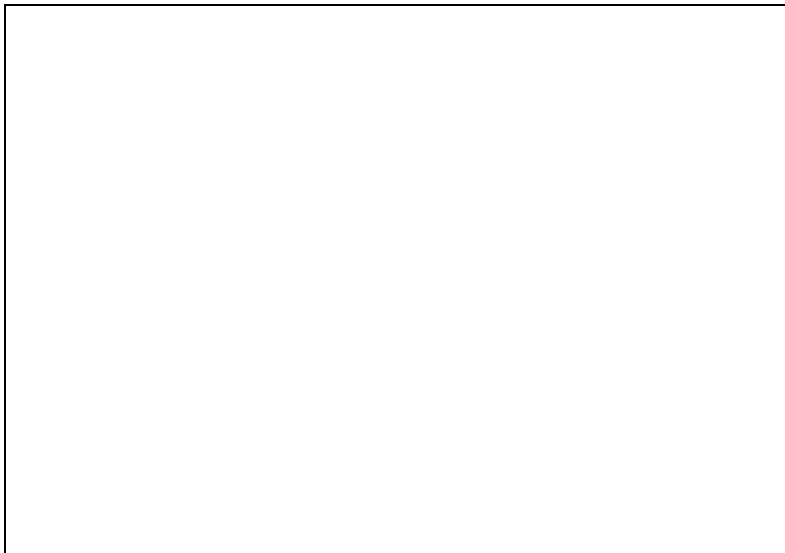
    C   200 + 5 + 40

    D   200+ 50 + 40

6. Extend the growing pattern once more.

    ▲ □ ▮ , ▲▲ □□ ▮ ▮ , _____

7. Write the next number in the number sequence below.

    225;   250;   275;   300; _____

8. Draw a triangle.

9. Write the name of the given object.

_____

10.   Write the number name for 748.

_____

11.   What is the place value of the underlined digit?

        3_3_6   _____

12.   Draw a line of symmetry on the following picture.

13.   Write the number symbol for five hundred and eight.

_____

14.   Complete the following.

4 + 4 + 4 + 4 + 4 + 4   =   4 x _____

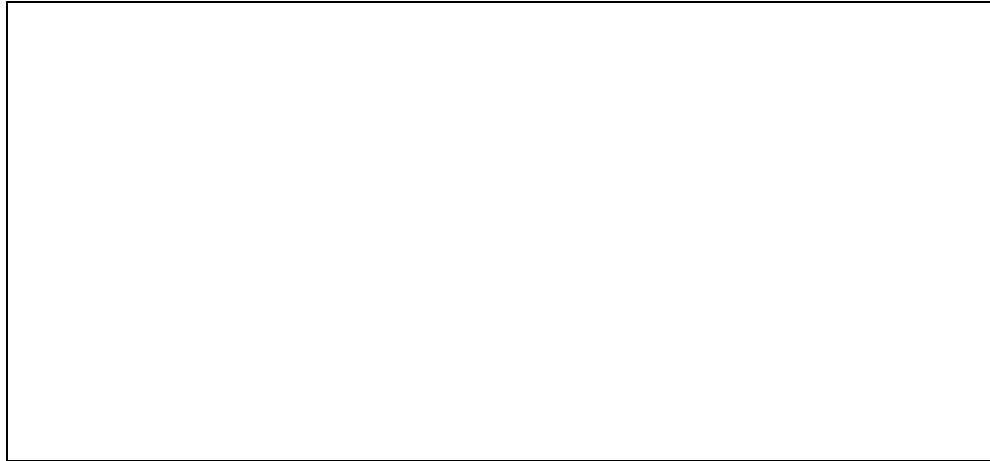15.   Circle the correct word in brackets for questions 15.1 and 15.2.

15.1 The mass of the packet of rice is measured in (kilograms; centimetres).

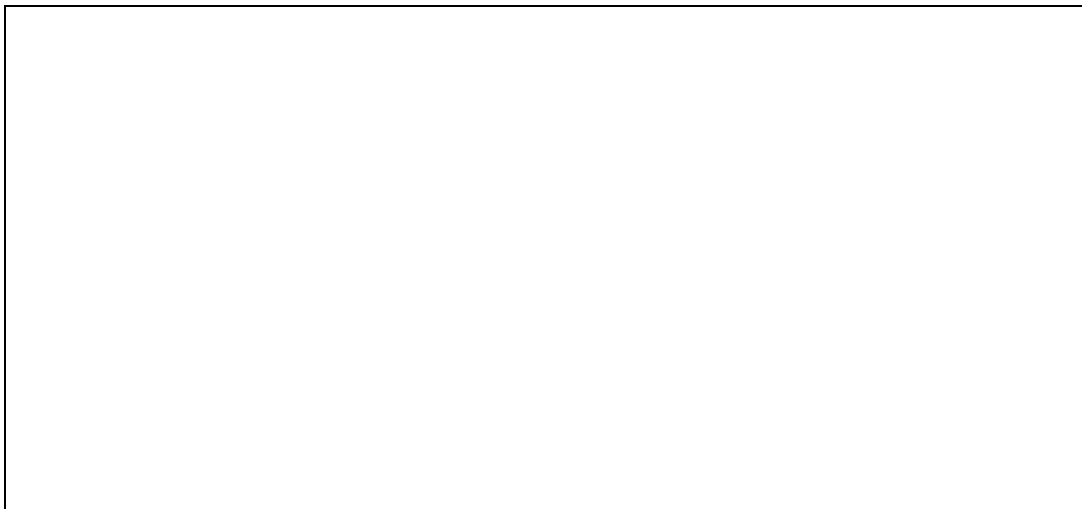15.2 The capacity of the bottle of water is measured in (millimetres; millilitres).

16.　　Mr Naidoo sells oranges. He had 168 oranges.
　　　　If he sold half of them, how many oranges did he sell?

　　　　He sold _____ oranges.

17.　　Calculate:

　　　　45 ÷ 5 = _____

18. There are 46 children in a class.
Each child gets 2 cupcakes at the year-end party.
How many cupcakes must be baked?

_____ cupcakes must be baked.

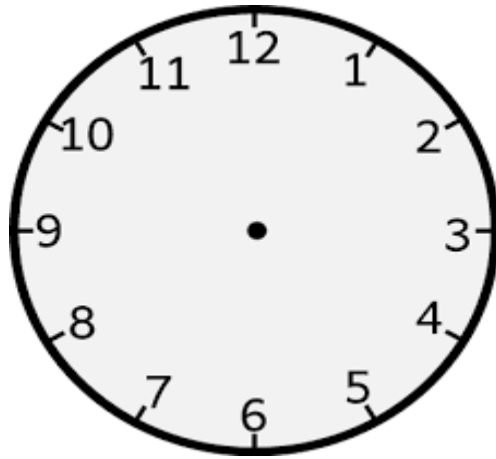19. Colour one-third of the following picture.

20. Calculate 138 + 211

21. Draw the hands on the analogue clock to show that the time is 10:45.

22. Nomsa's Mom leaves home at 02:30.
She comes back at 04:00.
How long was she away from home?

She is away for _____

23.   Peter bought three books for R27 each.
       How much change will he receive from R100?
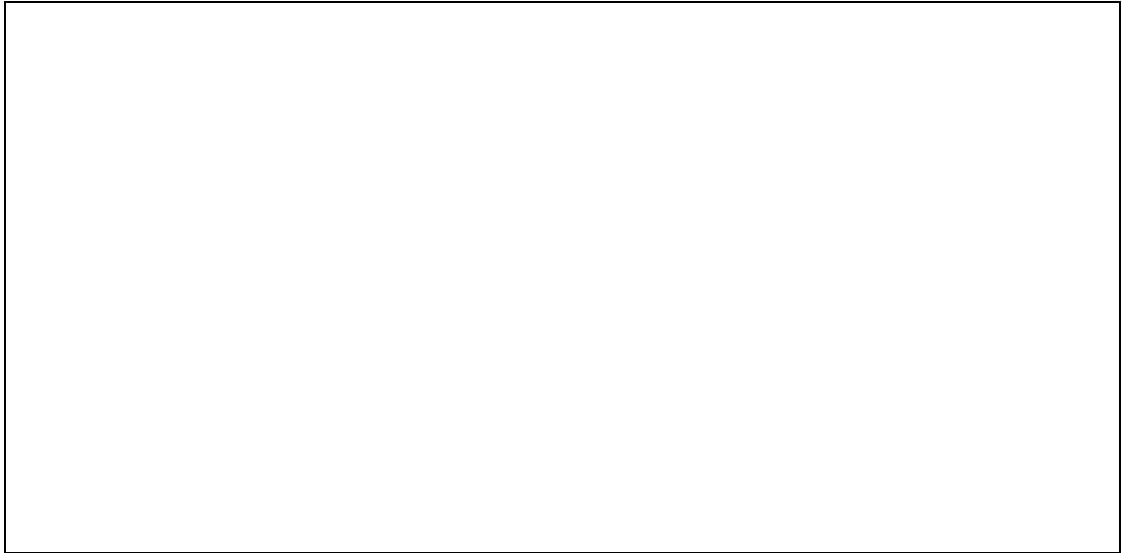
R27.00	R27.00	R27.00

He will receive _____ in change.

24.   Write 325c as Rands and cents.
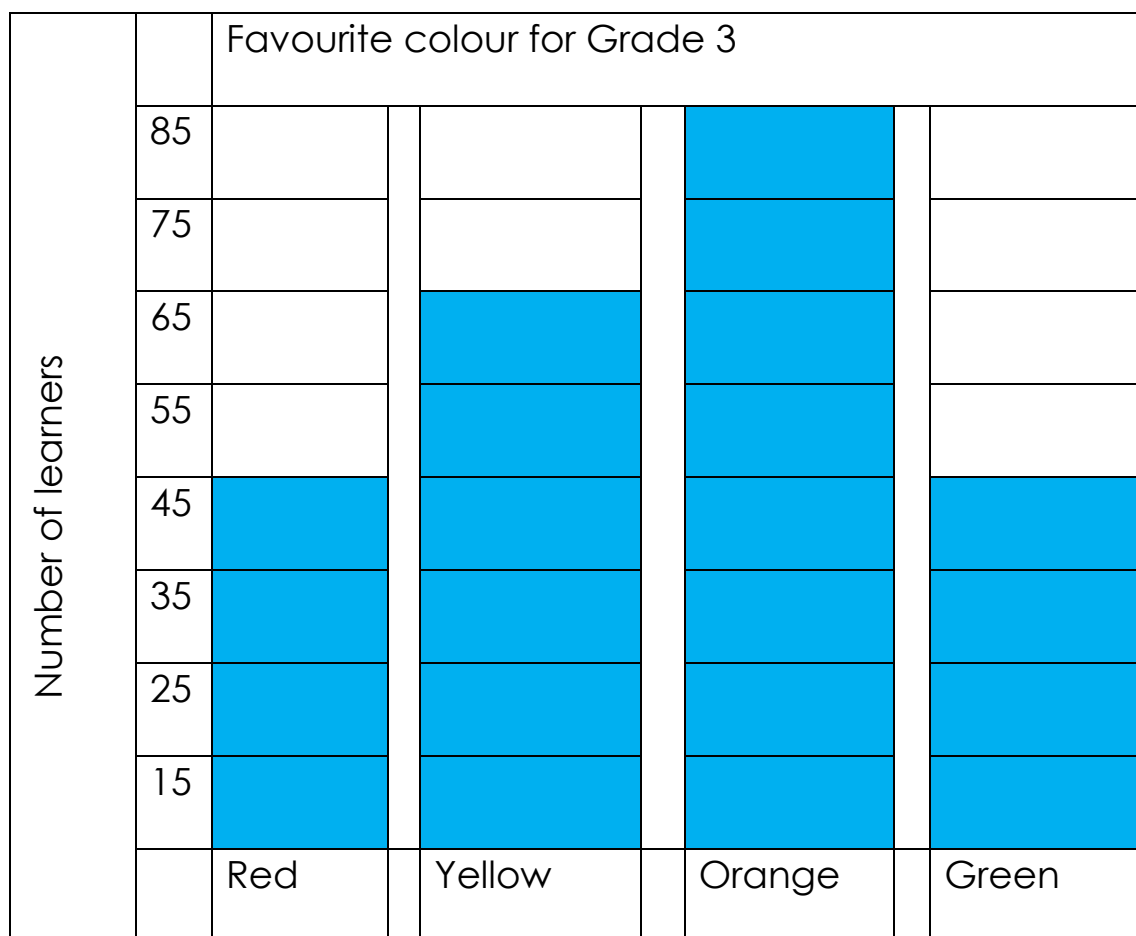
_____

25.   There are 36 bananas in a box.
        Each child gets 5 bananas.
        How many children got bananas?
        How many bananas were left over?

_____ got bananas. _____ left over.

26.   Study the graph below.
       Answer the questions that follow.

		Favourite colour for Grade 3			
	85			Orange	
	75				
	65		Yellow		
	55				
	45	Red			Green
	35				
	25				
	15				
		Red	Yellow	Orange	Green

Number of learners

26.1 Which colours are favoured by an equal number of learners?

_____

26.2 How many learners favoured orange colour?

_____

27.	The puppy runs 3 blocks to your right, then
3 up, 5 to your left and finally 2 blocks up.
Use arrows to show how the puppy runs to the correct kennel.

	Kennel 1	Kennel 2	Kennel 3			

27.1 Which Kennel did the puppy run to?

Kennel_____

27.2 Across how many blocks in total did the puppy run?

_____

28.   Calculate 786 – 421 by using any " breaking –down" method.

29 .   The following are South African public holidays:
       Heritage day, Freedom day and Youth day.
       In the table below, arrange them according to the order
       they follow each other on the calendar.

First	Second	Third

TOTAL: 40