Blouberg Ridge Primary School
Grade 5
Mathematics
Mid-Year Examination Paper 2019

- **Read all your questions carefully.**
- **Work neatly and in pencil.**
- **Do not rush your work and remember to check your work thoroughly once you have finished.**
- **Good luck!**

Question 1: Multiple questions   (5)

Choose the correct answer.

1.1 What is the place value of digit 8 in 74 832? :
   A thousands
   B hundreds
   C ten – thousands
   D tens

1.2 16 x 3 =
   A 48
   B 46
   C 52
   D 42

1.3 9 is a factor of:
   A 46
   B 26
   C 36
   D 71

1.4 80 cm converted to millimetres is …
   A 800 mm
   B 8 mm
   C 8 000 mm
   D 80 mm

1.5 Arrange the following units from the least to the most.
   5 L, 50 ml, 500 ml

A 5 l, 50 ml, 500 ml
B 5 l, 500 ml, 50 ml
C 50 ml, 5 l, 500 ml
D 50 ml, 500 ml, 5 l

Question 2: Place value/compare   (5)

2.1) Write the following number in **words**: 819 587

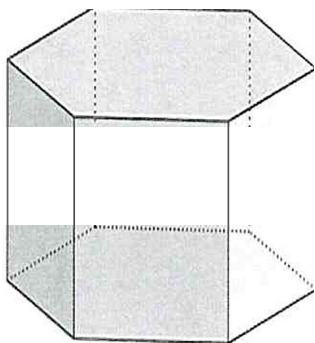_____(1)

2.2) Why is the above number **odd**?

   _____(1)

2.3) **Calculate:** (6 x10 000) + (8 x 1 000) + (5 x 100) + (3 x 1) = □

_____(1)

2.4**) Complete the sequence**
   213 972; 214 972; 215 972; _____   (1)

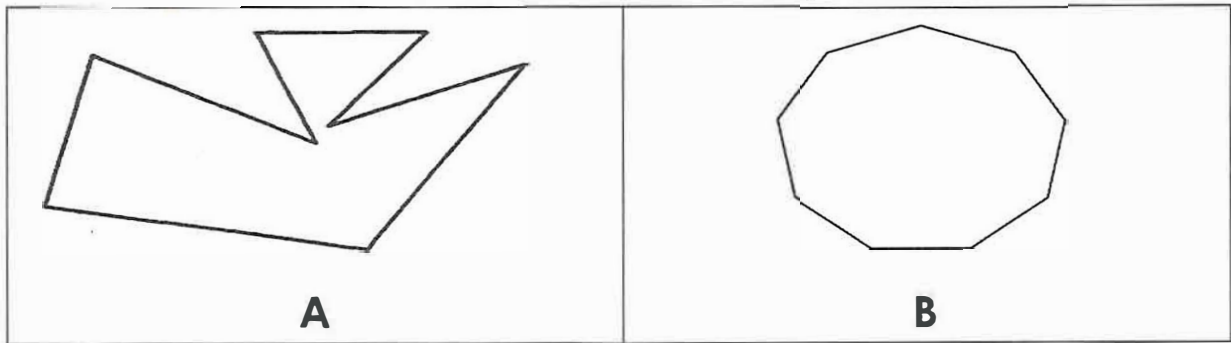2.5 Fill in **<, > or =** in the ☐   (1)

   a. 3 569 ☐ 3 658

Question 3: Shapes

                                                                    (4)

Complete the table:

	Name of 3D shape	Number of faces	Number of vertices	Number of edges
	3.1 _____	3.2 _____	3.3 _____	3.4 _____

3.5 **Look at the shapes below and answer the questions that follow:** **(4)**

| A | B |

3.5.1 <u>**Name the 2-D shapes.**</u>

A-_____   B-_____

3.5.2 <u>**Choose whether the shape is regular or irregular.**</u>

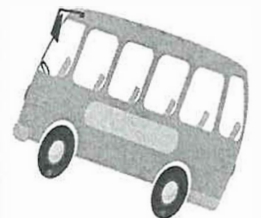**A- Regular/Irregular**   **B- Regular/Irregular**

<u>**Question 4: Problem solving.**</u>   **(6)**

4.1 If a **bus** can take **80 passengers** on board, how many buses are needed to transport 1 360 people? (Use the **RNWA** method)

(3)

R:	
N:	
W:	
A:	

4.2 The ticket prices for a ballet concert cost **R20** per child and R30 per **adult**. If there are <u>three adults</u> and <u>four children</u> from the Reddy family attending the ballet, calculate the **cost** of **all the tickets**. (Use the **RNWA** method)   (3)

R:	
N:	
W:	
A:	

Question 5: Time   (4)
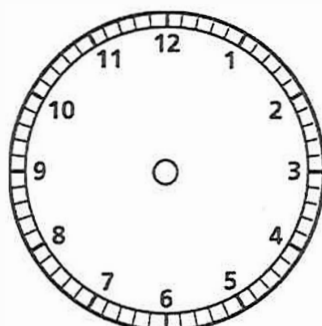## Look at the clock below and answer the question:

5.1 What **time** will it be in **3 hours**?

_____(1)

5.2 What time was it **1 hour and 20 minutes ago**?

_____(1)

5.3 Look at the clock and write down the time in the evening in **24:00 hour digital time**.

_____
_____(1)

5.4 Show **22: 45** on the **clock** below (draw the long and short hand in):   (1)

Question 6: Length (6)
Calculate:

6.1 17 250 m = _____ km   6.2 6km 66m = _____ km   (2)

6.3 45 cm _____ mm   6.4 $22\frac{1}{2}$ cm _____ mm   (2)
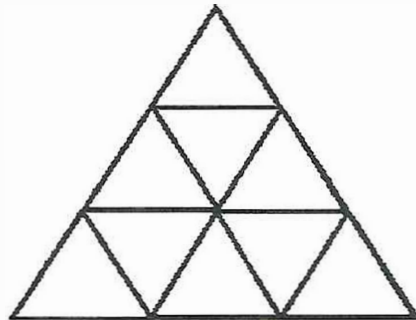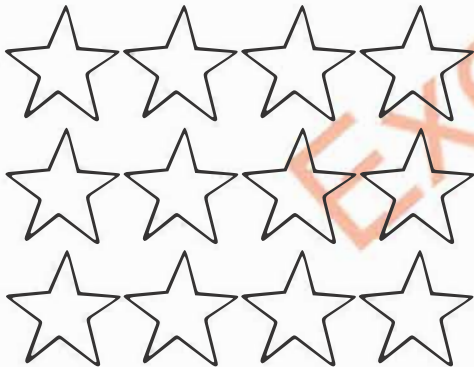
6.5 Ravi jogs at **2 metres per minute**. He jogs for **1 hour and 15 minutes**.
    What is the **distance** covered by him?   (2)

Question 7: Fractions (6)

7.1 **Shade/colour** the **fractions** as indicated for each diagram.

   a. $\frac{2}{3}$ of 12 stars   (1)   b. $\frac{1}{3}$ of the triangle   (1)

7.2 $\frac{7}{8} + \frac{6}{8} = \square$ (1)   7.3 $1 - \frac{3}{10} = \square$ (1)

7.4 Write down **2 fractions** smaller then a $\frac{1}{2}$. a. _____ b. _____   (2)

Question 8: Data handling (4)

The following **pictograph** represents learners in Grades 4, 5, 6 and 7 who participated in **Blouberg Ridge Primary School's concert.**

Study the graph carefully and answer the questions.

Grade	Number of learners in Blouberg Ridge Primary School's concert
4	🎭🎭🎭🎭🎭🎭🎭🎭
5	🎭🎭🎭🎭🎭🎭🎭🎭🎭🎭
6	🎭🎭🎭🎭🎭🎭🎭
7	🎭🎭🎭🎭🎭🎭🎭🎭🎭🎭🎭🎭

Key: 🎭 **represents 10 learners**

8.1 Which **Grade** had the **most participants** in the concert? _____ (1)

8.2 How many **more** Grade 7's participated than Grade 6? _____ (1)

8.3 What is the **total number** of participants in the concert? (Show all working)

(2)

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Question 9: Calculate (6)
You may use any method. (show all working out)

9.1 $59\ 847 - 39\ 558 =$ (1)

9.2 $817\ 625 + 91\ 771 =$ (1)

9.3 $197 \times 27 =$ (2)

9.4 $5880 \div 5 =$ (2)