**GRADE 5 MATHEMATICS TEST – TERM 4 (MEMORANDUM)**

**QUESTION PAPER 1**

**Name and surname: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total: 50**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time: 1 hour**

**INSTRUCTIONS**

1. Show all your calculations.
2. You are not allowed to use a calculator.
3. Write neatly.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Question 1: Calculate – Addition, subtraction, division and multiplication (18)**

78943 - 65349 345378 + 76563

1

1

1

1

 345 378√

+ 76 563

 421 941√

1

8

1

3

 78 943√

* 65349

13 594√

56,736 x 67 87 550 ÷ 25

$$25 \sqrt{87 550}$$

 -75 √

 125

 -125 √

 05

 - 0 √

 50

 -50 √

 0

 3502 √

 56 736√

X 67

397 152√

 + 3404160

 3801 312√

4

4

2

3

4

5

2

4

1

1

1

 947 ÷ 9

105 remaining 2 √

$$9 \sqrt{947}$$

 -9 √

 04

 -0 √

 47

 -45 √

 2

 R212,38 + R78, 45

 R 212,38√

 + R 78.45

 R 290,83√

1

1

**Question 2: Number patterns and geometric patterns 3**

Complete the following patterns.

2.1) $\frac{1}{8}$ ;$ \frac{2}{8} \frac{3}{8};$$\frac{4}{8}$;$\frac{5}{8}$; $ \frac{6}{8} \frac{7}{8}$√ (1)

2.2) 850; 800; 750; 700; 650; 600 √ (1)

2.3) How many circles are in the next pattern?

 12√ (1)



**Question 3: Fractions 3**

1. $\frac{7}{8}$ - $\frac{5}{8}$ = $\frac{3}{8}√$ (1)
2. $\frac{5}{6}$ - $\frac{1}{3}$= $\frac{3}{6}=\frac{1}{2}√$ (1)
3. $\frac{4}{5}$ of R125 = \_\_\_\_\_\_\_\_\_100√\_\_\_\_\_\_\_\_\_\_\_ (1)

**Question 4: Mass, length, capacity and volume 8**

4.1 Complete the table by filling in the correct answers:

|  |  |
| --- | --- |
| **unit** | **conversion** |
| 4.1.1 879 ml | \_\_\_0,879√\_\_\_\_\_ l |
| 4.1.2 18cm  | \_\_\_180√\_\_\_\_\_mm |
| 4.1.3 4024 km | \_\_4√\_\_\_km \_\_24√\_\_\_ m |
| 4.1.2 2974 mm | \_\_\_2,974√\_\_\_\_\_ m |

 (5)

* 1. 4.2 Uncle Eddy has 45 543 liter water in a tank. Due to the drought he decided to water his garden from the tank. He uses 985 liter water. How many liters of water does he have left in his tank?

1

1

3

4

1

4

1. 543
* 985√

44 558√(3)

Uncle Eddy has 44,558 liters of water left in his tank.√

**Question 5: Time 4**

5.1 Draw hands on the clock to indicate 16:45. (1)

 √

5.2 Write the digital time in the box for the clock in p.m. (post midday). (1)

****

16:30 √

5.3 How many weeks are there in a year? \_\_\_52\_\_√\_\_ (1)

5.4 How many hours are there in 5 days? \_\_120\_\_√\_\_ (1)

**Question 6: Number sentences 7**

1. There are 30 handbags with 5 lipsticks in every handbag. How many lipsticks are there altogether?

 30

 X 5 √

 150 √ There are altogether 150 lipsticks √

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)

b) David saves R2 235 to buy a PlayStation with his brother Stephen. Stephen

 saves R 3 016. How much money do the still have to save if the PlayStation costs R6000?

1

9

9

 R 2235

 R 6000

* R 5251 √

 R 749 √ They still have R749 to save.

1

1

1

5

+ R 3016 √

 R 5251√ saved together (4)

**Question 7: Temperature 3**

Study the weather map and answer the questions that follow:

|  |  |  |
| --- | --- | --- |
|  | minimum temperature | maximum temperature |
| Johannesburg | 5 ° C | 23 ° C |
| Bloemfontein | 3 ° C | 19 ° C |
| Cape Town | 12 ° C | 28 ° C |

7.1 Which city was the coldest? \_\_\_\_\_\_Bloemfontein√\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1)

7.2 What was the highest temperature between the 3 cities? \_\_\_\_28 ° C √\_\_\_\_ (1)

7.3 How many degrees starts to boil water? \_\_\_\_\_\_100 ° C√\_\_\_\_\_\_\_\_\_\_ (1)

**Total: \_\_\_\_/50**