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

```
        13
      8  3  1
   78 943 √
 -   65349
   13 594 √
```

345378 + 76563

```
    1 1  11
 ¹345 378 √
 +  76 563
   421 941 √
```

56,736 x 67

```
   4 4  2 3
   4 5  2 4
   56 736 √
   X    67
  1 1  1
   397 152 √
 + 3404160
   3801 312 √
```

87 550 ÷ 25

```
        3502 √
  25 √87 550
     -75      √
     125
     -125   √
       05
      - 0  √
       50
      -50 √
        0
```

947 ÷ 9

```
      105
   9 √947
    -9     √
    04
    -0    √
    47
    -45  √
     2
```

R212,38 + R78, 45

```
      1   1
   R 212,38 √
 +   R 78.45
   R 290,83 √
```
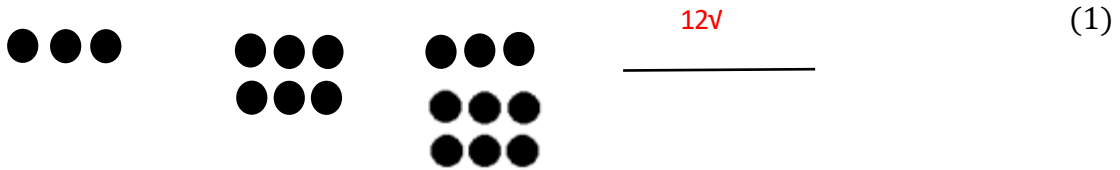
Question 2: Number patterns and geometric patterns

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**

a) $\frac{7}{8} - \frac{5}{8} = \frac{3}{8}$ √   (1)

b) $\frac{5}{6} - \frac{1}{3} = \frac{3}{6} = \frac{1}{2}$ √   (1)

c) $\frac{4}{5}$ 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)

4.2.   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?
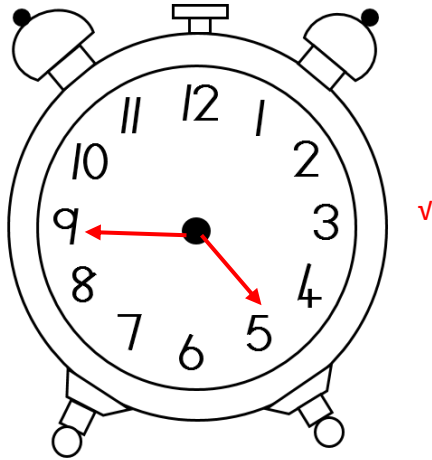
45 543
- 985√

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)

a) 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?

R 2235

+ R 3016 √

R 5251√   saved together

R 6000
- R 5251 √
R 749 √   They still have R749 to save.
(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