**Mathematics**

**Assessment – Term 3**

**Grade 3**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**MEMORANDUM**

|  |  |  |
| --- | --- | --- |
| **Questions** |  | **Marks** |
| 1. Numbers, Operations and Relationships
 | **58** |  |
| 1. Patterns, functions and Algebra
 | **10** |  |
| 1. Space and Shape
 | **13** |  |
| 1. Measurement
 | **14** |  |
| 1. Data Handling
 | **5** |  |
| **Total** | **100** |  |

1. **Numbers, operations and relationships**
	1. Count the following objects and write the answers in the block. (1)







= 60

* 1. Order
		1. Order the following numbers from the smallest to the largest. (1)

206, 602, 622, 260, 620

206, 260, 602, 620, 622

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* + 1. Order the following numbers from the largest to the smallest. (1)

708, 701, 710, 718, 781,

781, 718, 710, 708, 701

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 1. Complete the number line. (7)



889 879 **869 859 849 839** 829  **819** 809 **799 789**

* 1. Calculations – Write down the answer. (10)

21

567

f. What is 20 more than 547 = \_\_\_

g. What is 100 less than 899 = \_\_\_

h. 10 groups of 10 = \_\_\_

i. 60 – 20 + 6 + 3 = \_\_\_

j. 4 less than 402 = \_\_\_

1. 4 x 4 + 5 = \_\_\_

44

799

1. 49 - 5 = \_\_\_

22

100

1. Divide 44 in half= \_\_\_

50

49

1. Divide 100 in half = \_\_\_

50

398

1. Double 25 = \_\_\_
	1. Round off the numbers to the nearest 10. (2)

80

1. 79 - \_\_\_\_\_\_\_\_\_\_

310

1. 312 - \_\_\_\_\_\_\_\_\_\_
	1. Rename numbers – Break up the numbers in hundreds, tens and units. (5)

500 30 6

* + 1. 536 = \_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_ + \_\_\_\_\_\_\_

600 0

* + 1. \_\_\_\_\_\_\_\_ + 80 + \_\_\_\_\_\_\_ = 680
	1. Number names –Complete the table. (4)

|  |  |
| --- | --- |
| Number symbol | Number name |
| 830 | **Eight hundred and thirty** |
| **670** | Six hundred and seventy |
| 436 | **Four hundred and thirty-six** |
| **144** | One hundred and forty-four |

* 1. Calculate the following sums. Show all your calculations. (15)

$$3\sqrt{42}$$

 -30

 12

 -12

 0

√

√

(2)

14

|  |  |
| --- | --- |
| 253 + 182= \_\_\_\_\_√1 253+ 182 435√(2) | 548 – 239 = \_\_\_\_\_√√13 548- 239 309 |
| 45 x 6 = \_\_\_\_\_3√ 45x 6 270√(2) | 42 ¸ 3 = \_\_\_\_\_√√√√OF30 ¸ 3 = 1012 ¸ 3 = 4 = 14 (3) |
| 143 x 3 = \_\_\_\_\_√√√√√√√√OF(4) | 700 – 99 = \_\_\_\_\_9116 700- 99 601√√(2) |

* 1. Calculate the following: (2)

R1,16

1. 50c + 50c + 10c + 5c + 1c = \_\_\_\_\_

R52,50

1. R50,00 + R2,00 + 50c = \_\_\_\_
	1. Match the names of the money with their coin or note. (4)

|  |  |  |  |
| --- | --- | --- | --- |
| Five rand | Two hundred rand | Fifty cent | Hundred rand |



* 1. Word problems
		1. Farmer Joe buys 285 chickens. He wants to divide the

chickens equally between 5 chicken coops. How many chickens will be in each chicken coop? (3)

√

285 ¸ 5 = 57 chickens

√ Method (Any method can be used)

√ Correct answer

√ Number sentence

√

200 ¸ 5 = 40

80 ¸ 5 = 16

5 ¸ 5 = 1

 = 57

√

* + 1. There is 681 springbucks in a camp. Two cheetahs comes inside the camp and bite 129 of the springbucks dead. How many springbucks are left? (3)

7

1

√ Method (Any method can be used)

√ Correct answer

√ Number sentence

√

 681

- 129

 551

√

√

681 – 129 = 551 springbucks

**Total Question 3 = \_\_\_/58**

1. **Patterns, functions and Algebra**
	1. Patterns – Complete the patterns below. (4)

600 500 400

* + 1. 800, 700, \_\_\_, \_\_\_\_, \_\_\_\_, 300.

359 349 339

* + 1. 389, 379, 369, \_\_\_, \_\_\_, \_\_\_, 329.

557 558 560

* + 1. 555, 556, \_\_\_, \_\_\_, 559, \_\_\_.

500 550 600

* + 1. 350, 400, 450, \_\_\_, \_\_\_, \_\_\_, 650.
	1. Expand the pattern below only once. (1)

* 1. Draw the star which comes next. (1)

Has to have 7 points.

* 1. Complete the patterns in the squares. (4)



**Total Question 2 = \_\_\_/10**

1. **Space and Shape**
	1. Draw the top view of the birdhouse. (1)

|  |  |
| --- | --- |
| Image result for house clipart black and white |  |

* 1. Draw the following shapes in the blocks. (2)

triangle

square

* 1. Match the 3D shape with its name by drawing a line. (4)

|  |  |  |
| --- | --- | --- |
|  |  | oval |
|  | cube |
|  | rectangle |
|  | cylinder |

* 1. Is the following shapes flat or round. Color in the correct answer. (2)

|  |
| --- |
| flat |
| round |

* + 1. 

|  |
| --- |
| flat |
| round |

* 1. Which of the following shapes has a flat and round sides? Circle the shape. (1)
	2. Look at the butterflies and color in the butterfly which is symmetrical. (1)



* 1. Divide the South African flag symmetrical. (1)



* 1. Describe in your own words what it means when a shape is symmetrical.

**A shape is symmetrical when you can divide it precisely in the middle and both sides looks the same.** (1)

**Total Question 3 = \_\_\_/13**

1. **Measurement**
	1. Order the following containers from the largest to the smallest volume.



500*ml*

 **250**

***ML***

 container 1 container 2 container 3 container 4

* + 1. Container 4
		2. Container 2
		3. Container 3
		4. Container 4
	1. What measuring unit will you use to measure the distance between two cities? **Kilometer**
	2. Which measuring tool do you use to measure gram and kilogram? **A scale**
	3. Which one is the most? Underline the correct answer.

 6 minutes 6 hours 60 seconds

* 1. Complete the following:
		+ - 1. 2 hours = **120** minutes
				2. Half of a year = **6** months
				3. 1 day is = **24** hours
				4. 2 decades = **20** year
				5. 120 seconds = **2** minutes
	2. Draw the hands of the clock to show the time.

**Quarter past 12**

**10:45**



**Total Question 4 = \_\_\_/14**

1. **Data Handling**

Learners own creativity

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8

7

6

5

4

3

2

1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
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 cat motorcycle bicycle train taxi















**Answer the following questions:**

1. Which type of transport does the people prefer the most?

**A car.** (1)

1. Which type of transport does the people prefer the least?

**A train.** (1)

1. Which type of transport do they prefer equally?

**Motorcycles and taxi’s.** (1)

1. There is **3** more people who use cars than taxi’s. (1)
2. Write your own heading for the graph on the line above the graph. (1)

**Total Question 5 = \_\_\_/5**