Blouberg Ridge Primary School

Mathematics		**Marker and date:** ……………..
Name: ……………………………..		**Grade 5 B / E / M / S / T**
Date: 2 July 2021		**Time allocation: 1 hour**
Examiner: R. Spratley		**Moderator:** ………………..………
Task 4: Test		**Total:** ………. /30

Instructions:

- **Write NEATLY in pencil only.**
- **Read the questions carefully and answer every question.**

Question 1: Whole Numbers and Number Sentences   [10]

1.1.   Look at the following number and answer the questions below:

95 414

1.1.1. What is the <u>place value</u> of the 5 in the number above?   (1)

_____

1.1.2. Write the number above in words.   (1)

_____

1.1.3. Round off the number above to the nearest 5.   (1)

_____

1.2.   Pick the correct answer from the block and place it into the answer column.   (5)

Question	Answer Column	Answer Block
1.2.1. The answer to the following equation: 51 X 10 =	1.2.1.	$\frac{8}{24}$
		division
1.2.2. The inverse operation of addition.	1.2.2.	510
		$\frac{4}{8}$
1.2.3. A fraction equivalent to $\frac{2}{6}$.	1.2.3.	33 985
		5100
1.2.4. A fraction bigger than $\frac{5}{8}$.	1.2.4.	subtraction
		$\frac{1}{6}$
1.2.5. A number smaller than 32 985.	1.2.5.	$\frac{7}{8}$
		31 659

1.3.   Write the following multiples and factors:

1.3.1. The first 5 multiples of 20. _____ (1)

1.3.2. The factors of 25. _____ (1)

Question 2: Addition, Subtraction, Multiplication and Division **[7]**

2.1. Complete the following equations in the space provided:

2.1.1. 66 987 + 42 040 = ☐ (1)	2.1.2. 96 967 – 25 385 = ☐ (1)
2.1.3. 564 X 21 = ☐ (3)	2.1.4. 362 ÷ 20 = ☐ (2)

Question 3: Patterns **[9]**
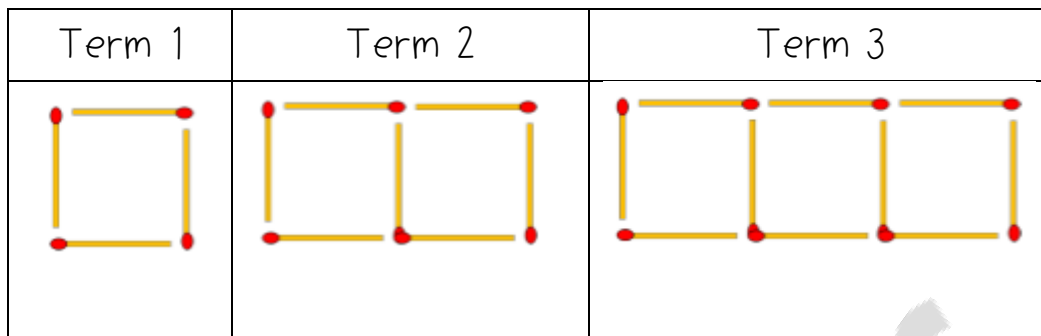
3.1. Look at the following pattern:

Pattern
40, 20, 10, 5

3.1.1. Determine the rule for the pattern above. _____ (1)

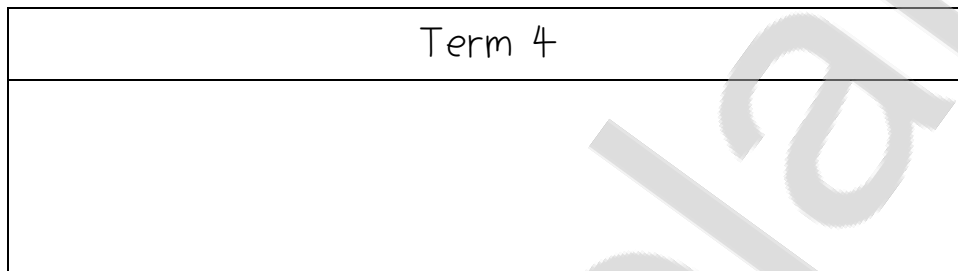3.1.2. Does the rule represent a constant difference or constant ratio? (1)
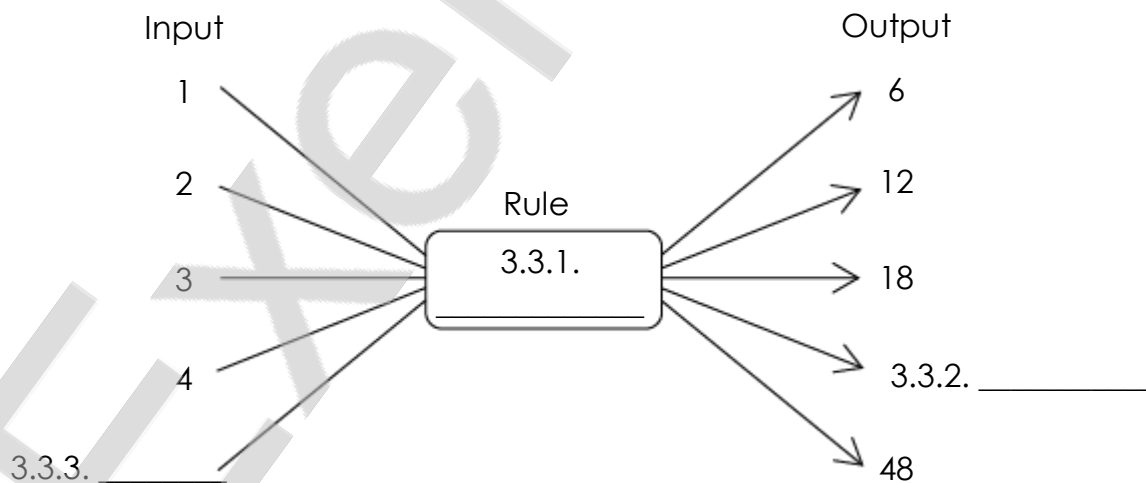
_____

3.2. Look at the following pattern:

Term 1	Term 2	Term 3

3.2.1. Draw term 4 below: (1)

Term 4

3.2.2. Complete the table below using the above pattern: (2)

Term Number	1	2	3	10	
No. of matches	4	7	10		25

3.3.   Complete the flow diagram below: (3)

Input   Output

1   6

2   12
                                        Rule
3   3.3.1.   18
                                        _____
                                                                                                3.3.2. _____
4

3.3.3. _____   48

3.3.4. Write the rule between input and output *__in words__* from the flow diagram.   (1)

_____

_____

Question 4: Word Problems [4]

4.1. Jane writes newspaper articles and she can type 50 words in 5 minutes. <u>How long</u> will it take her to type 250 words? (2)

Answer: _____

4.2. At a large car show, there were 25 green cars and 15 yellow cars. What is the <u>ratio</u> *(in simplest form)* of green cars to yellow cars? (2)

Answer: _____

Total: 30