



**TOM NEWBY SCHOOL
JUNE TEST 2021**



Subject	MATHEMATICS	Examiner	MISS KLEMP
Date	JUNE 2021	Total marks	50
Grade	7	Moderator	MRS FOURIE
Special instructions/ Equipment	Instructions <ul style="list-style-type: none">• Answer all questions.• Read each question's instructions carefully.• Look at the mark allocation.• Write neatly and legibly.• No calculators.		
<small>This assessment has been compiled using notes and information contained in the Tom Newby School resource material. The marking memorandum has been compiled accordingly. While alternative responses will be given due acknowledgement, the official memorandum will be considered a priority document to ensure uniformity of marking.</small>			

Name:	Surname:	Class:
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QUESTION 1 - Multiple Choice

[10]

Choose the answer and write the correct letter in the table given below.

- 1.1 9 347 879 rounded off to the nearest 1 000 is? **(1)**
A 9 348 000
B 9 348 300
C 9 347 380
D 9 347 370
- 1.2 Give the value of the underlined digit in 23,654? **(1)**
A Sixty
B Six tenths
C Six hundredths
D Six thousandths
- 1.3 Write down the missing term in the sequence. 5; 10; _____; 40; 80 **(1)**
A 25
B 30
C 15
D 20

- 1.4 Choose the factors of 20 from the following: (1)
A 1; 2; 4; 5; 10; 15; 20
B 1; 2; 4; 5; 10; 20
C 1; 2; 4; 8; 10; 20
D 1; 2; 4; 5; 12; 20
- 1.5 Which one is the lowest common multiple of 8 and 24? (1)
A 8
B 24
C 32
D 192
- 1.6 Calculate: $(-6) + 4 =$ (1)
A -10
B -2
C 2
D 10
- 1.7 32 Grade 7 learners watched rugby. The ratio of the number of boys to that of girls was 5 : 3. How many girls were there? (1)
A 20
B 12
C 8
D 16
- 1.8 Use the correct order of operations: $9 \times 4 - 30 \div 3 \div 2$ (1)
A 30
B 33
C 31
D 1

1.9 If 3 pizzas cost R75, work out the cost for 7 pizzas. (1)

- A R25
- B R100
- C R50
- D R175

1.10 The product of the first three prime numbers is: (1)

- A 6
- B 25
- C 30
- D 5

1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10

QUESTION 2- Mental Maths

[7]

Read the questions and choose the correct answer and write the letter only.

2.1. Nineteen million, five hundred and twelve thousand and nine – in digits.

- a) 19 501 290
- b) 19 152 900
- c) 19 512 009
- d) 19 500 129

2. 2 The 9th prime number is:

- a) 2
- b) 23
- c) 19
- d) 11

2.3. $3\frac{4}{5}$ written as a decimal fraction is:

- a) 3,4
- b) 3,45
- c) 3,8
- d) 3,08

2.4. $\frac{5}{18}$ of 360 is:

- a) 18
- b) 50
- c) 100
- d) 180

2.5. $(9 \times 7) \div 3 \times 4 = \underline{\hspace{2cm}}$

- a) 84
- b) 53
- c) 73
- d) 82

2.6. Simplify $\frac{180}{900}$ to its simplest form

- a) $\frac{18}{90}$
- b) $\frac{8}{9}$
- c) $\frac{36}{180}$
- d) $\frac{1}{5}$

2.7. 12, 158 written as a common fraction.

a) $12 \frac{158}{10}$

b) $12 \frac{8}{100}$

c) $12 \frac{79}{500}$

d) $12 \frac{50}{100}$

Number	Answer
2.1	
2.2	
2.3	
2.4	
2.5	
2.6	
2.7	

QUESTION 3

[13]

Calculate the following:

3.1 a) $-13 - 8$ _____

b) $-12 + 33$ _____

c) $32 - 17$ _____

d) $4 \times (-12)$ _____

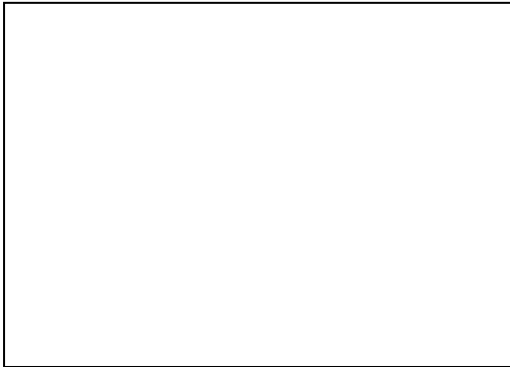
e) $(-13) \times (-5)$ _____

(5)

3.2 a) $(4^2 - 2^3) \div (2)^2$

(2)

b) $6 + 4^3 = \sqrt{81} + \sqrt[3]{27}$ (4)



Type equation here.

3.3 Round 3479,985 off to:

a) Nearest tenth _____ (1)

b) Nearest hundredth _____ (1)

QUESTION 4

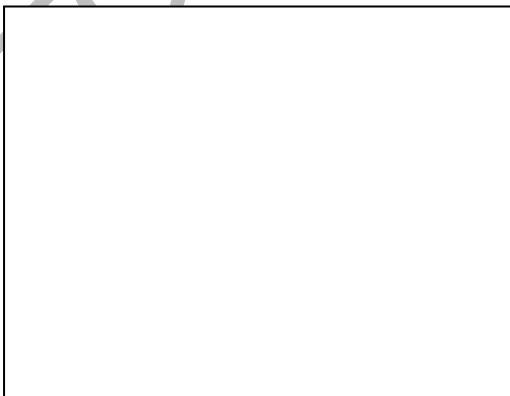
[10]

Calculate the following fractions:

4.1 $3\frac{3}{4} - 1\frac{2}{5}$ (2)

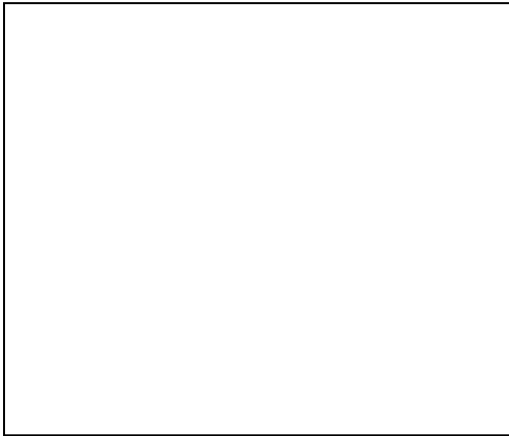


4.2 $2\frac{1}{3} \times 1\frac{1}{9}$ (2)



$$4.3 \quad 2 \frac{2}{5} - \frac{7}{2} \times \frac{1}{3}$$

(3)



4.4 Bongi wants to join three pipes of the same width. The lengths of the pipes are $3\frac{3}{4}$ m, $2\frac{1}{3}$ m and $4\frac{5}{6}$ m. How long will the pipe be after joining the three pipes?

(3)

QUESTION 5**[10]****Calculate the following decimals.**

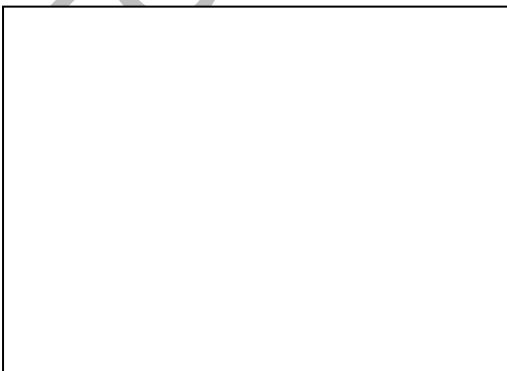
$$5.1 \quad 2,3 + 105,98 + 18,176$$

(2)



$$5.2 \quad 56,032 - 19,706$$

(2)



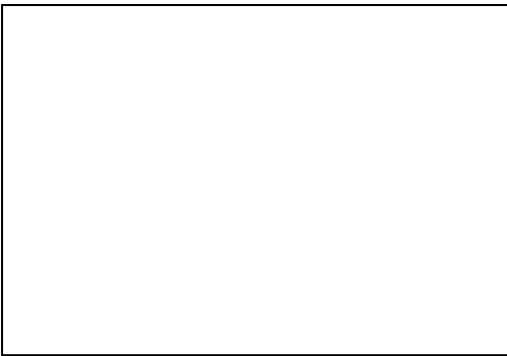
5.3 $3,47 \times 5,6$

(3)



5.4 $974,51 \div 23$

(3)



TOTAL: 50

TOM NEWBY SCHOOL

Performance analysis
Grade 7 Mathematics
June Test 2021
(For teacher use only)

QUESTION	1	2	3	4	5	TOTAL
POSSIBLE MARK	10	7	13	10	10	50
ACTUAL MARK						

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