



Noah's Ark Independent Primary School

Subject: Mathematics	Examiner: Rwizi, A.
Type: Mid-Year Exams	Moderator: Böhmer, MA
Date: 24 June 2021	Grade: 5-__
Marks: 60 Marks	Time: 1 hour 30 minutes

Name: _____

Instructions

Carefully read all the questions before you start writing.

Answer ALL the questions in the spaces provided.

Show all your calculations where necessary

Write neatly and legibly

Section A: Numbers, Operations and Relationships

Question 1: Circle the correct answer

1.1 The value of the underlined digit is: $\underline{4}659$ (1)

A 40 B 14 000 C 4 000 D 4

1.2 The second factor of 15 is _____. (1)

A 4 B 3 C 6 D 5

1.3 $\frac{1}{3}$ of R24 is _____ (1)

A R4 B R12 C R6 D R8

1.4 $45 \times 0 + 10$ (1)

A 450 B $45 + 10$ C 0 D 10

- 1.5 10 ; 15 ; 45 ; 25 ; 60 are multiples of: (1)
A 10 B 5 C 15 D 20

Question 2

2.1 The smallest number John can make with the digits 4 ; 1 ; 3 ; 6 is _____ (1)

2.2 Half of 840 is _____ (1)

2.3 7 4/3 to the nearest 100 is _____ (1)

2.4 Fill in <, > or = (3)

a) $\frac{1}{2}$ $\frac{1}{3}$ b) $\frac{10}{20}$ $\frac{50}{100}$

c) 65 1/38 65 8/31

2.5 Rio was painting the fence. He painted $\frac{7}{10}$ of the fence by lunchtime. What fraction of the fence does he still need to paint? Clearly show your working. (2)

2.6 Kok played a card game 9 times. She won 15 matchsticks each time. How many matchsticks does she have altogether? Show your working. (2)

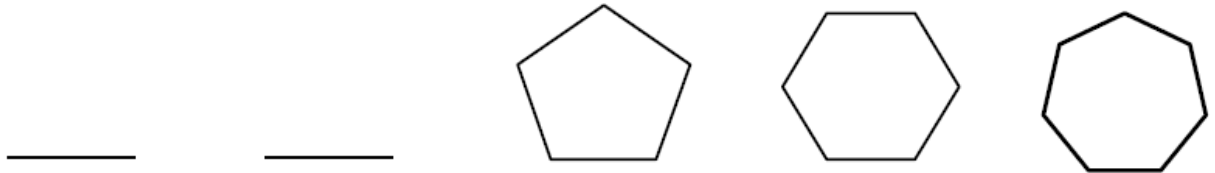
Section B: Patterns, Functions and Algebra

Question 5

5.1 Fill in the missing numbers in the following number pattern. (2)

4 ; 9 ; 14 ; 19 ; _____ ; _____

5.2 Add the first two shapes to complete the diagram (2)



5.3 Differentiate between the first two shapes you have drawn above in Question 5.2 (2)

_____ / 6 Marks (Section B)

Section C: Measurement

Question 6

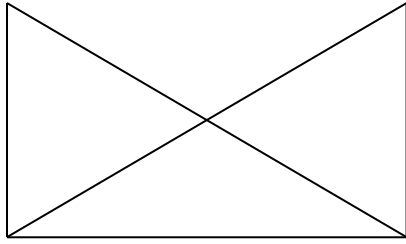
6.1 Choose the measurement from the list that matches the object the height of a tree. (1)

a. 4 000 mm b. 40 cm c. 40 m d. $\frac{1}{2}$ cm

6.2 A master builder gives you a large block that measures 49 cm. How many 7 cm blocks, can he get from this block? Clearly show your working. (2)

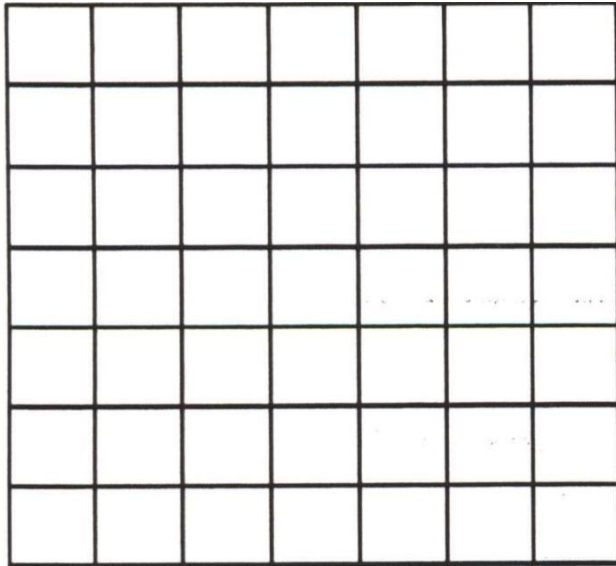
7.2 How many sides does a heptagon have? _____ (1)

7.3 How many triangles can you see in the construction below? ($1\frac{1}{2}$)

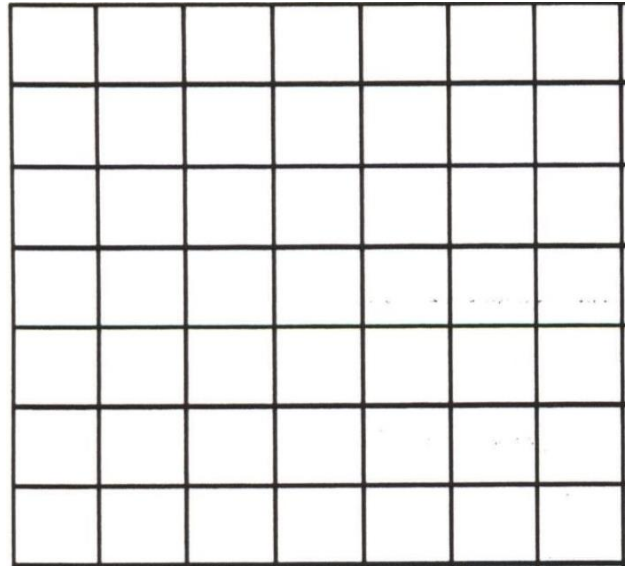


7.4 Draw the following shapes. (4)

a) rectangle



b) a right-angled triangle



7.5 What is the difference between a 2D shape and a 3D shape? (4)

7.6 I am a polygon with four angles, all of which are right angles. What am I? _____ (1)

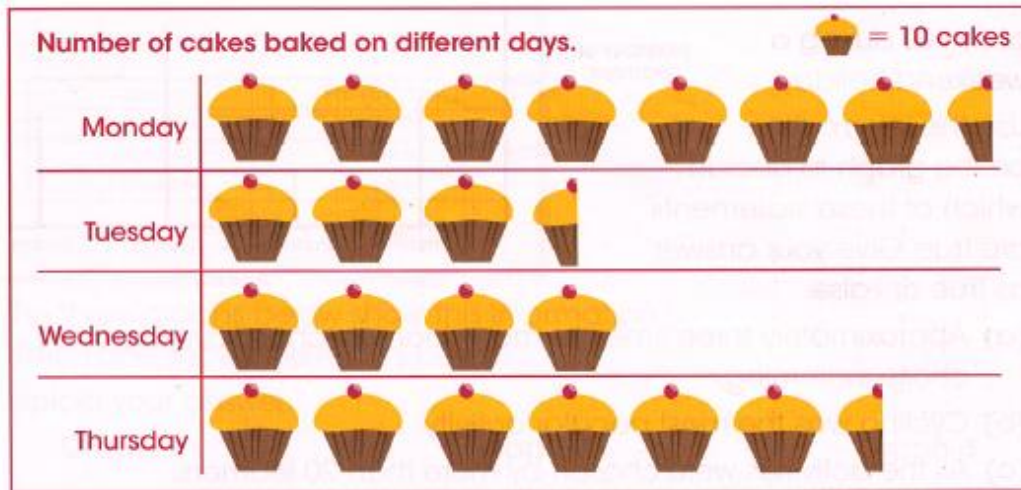
_____ / 12 Marks (Section D)

Section E: Data Handling

Question 8

8.1 Kirsty bakes cakes to sell at a café.

The pictogram shows the number of cakes she bakes on four days.



How many cakes did Kirsty bake in total? Clearly show your working. (2)

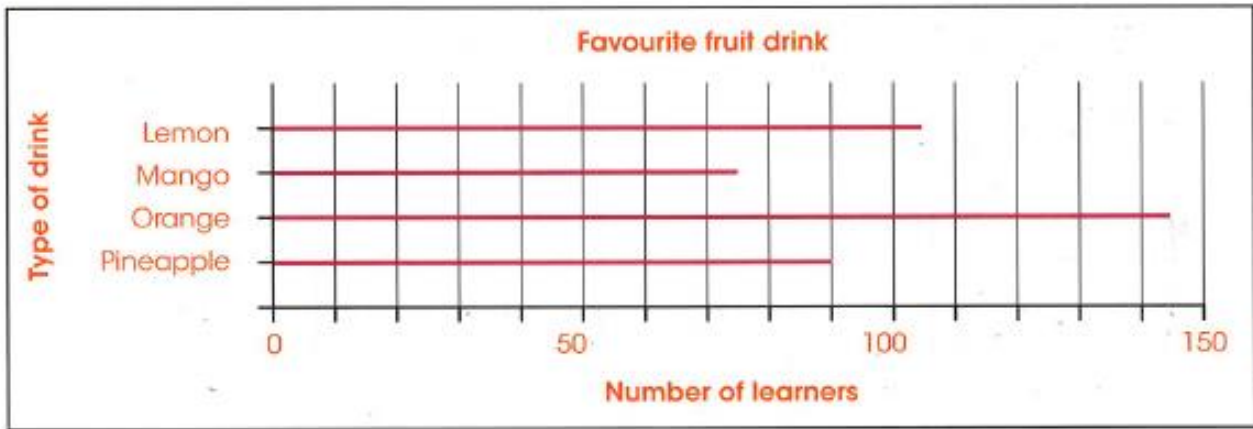
8.2 Draw the tally for these two Grade 5 learners: (2)

a) Jabu read 7 books: _____

b) Nobi read 11 books: _____

8.3 In a survey, the students at Gateway School chose their favourite fruit drink.

The graph shows the results of the survey.



a. How many learners chose mango? (1)

b. How many more learners chose orange drink than pineapple drink? Clearly show your working. (1)

----- / 6 Marks (Section E)

----- / 60 Marks TOTAL