

Grade 5 2023 practice exam

MARKS : 60

DURATION: $1\frac{1}{2}$ hours

This examination paper consists of 11 pages, including the cover page.

Instructions and information to the learner

1. Read the questions carefully.
2. Answer **ALL** the questions.
3. Write neatly and legibly.
4. Number your answers exactly as the questions are numbered.
5. Clearly show **ALL** the calculations, diagrams, graphs, etc. you have used in determining the answers.
6. No calculators may be used.
7. This question paper consists of **19** questions.
8. Diagrams are **NOT** drawn to scale.



There are FOUR possible answers given in question **1.1 to 1.5** and only one is correct. Circle the letter of the correct answer as shown in the example below.

Example

Complete: $72 \div 8 = \underline{\quad}$.

- A 80
- B 72
- C 64
- D 9

If you circled **D**, you have chosen the correct answer

1.1 What is the value of the underlined digit in 712 395? (1)

- A 20 000
- B 2 000
- C 200
- D 2

1.2 How many lines of symmetry does a square have? (1)

- A 2
- B 3
- C 4
- D 1

1.3 The next number in the pattern 32; 16; 8; ... is _____. (1)

- A 6
- B 4
- C 2
- D 1

1.4 There are _____ months in $\frac{2}{3}$ of a year. (1)

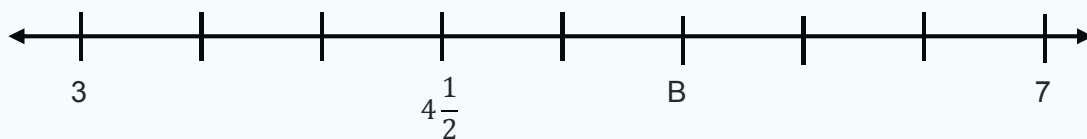
- A. 12
- B. 8
- C. 6
- D. 4

(1)

1.5 Write down the sum of 36 hundreds + 36 tens + 36 units.

- A 363 636
- B 36 396
- C 3 996
- D 3 936

2.1 Write the missing number indicated by letter B in the number line (1)



B _____

2.2 Arrange the numbers below in ascending order (1)

24 555, 24 335, 24 533, 24 535, 24 545

3 Compare the following by inserting > ; < ; = , in the spaces provided.

3.1 $\frac{1}{4}$ $\frac{2}{8}$ (1)

3.2 $\frac{3}{5}$ $\frac{5}{5}$ (1)

4 Calculate:

4.1 $(3 + 8) \times (9 - 4)$ (2)

4.2. $25\,583 + 28\,654$ (2)

4.3 475×34 (3)

4.4 $1\,847 \div 12$ (3)

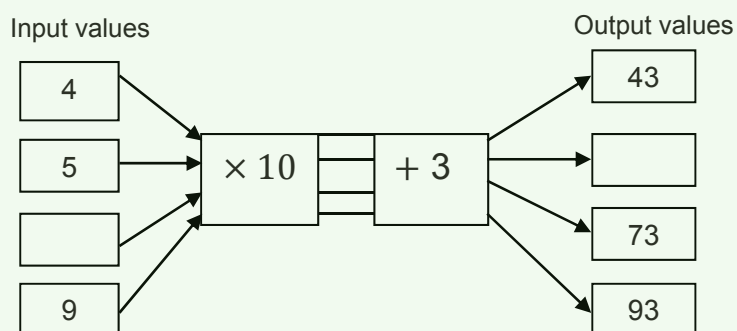
4.5 $2\frac{1}{6} - 1\frac{5}{6}$ (3)

5 Five books and one bag cost R350. How much does one book cost, if the bag costs R100? (3)

- 6 There are 10 bicycles and tricycles altogether with a total 24 of wheels. How many are bicycles and how many are tricycles? (4)

- 7 John is working 7 hours a day from Monday to Friday. How many minutes does he work in 2 weeks? (2)

- 8 Fill in the missing input and output values in the flow diagram below. (2)



- 9 The diagrams below show the number of people sitting around the table(s). Study and answer the questions that follow.

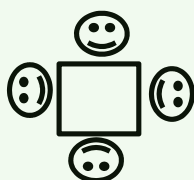


Figure 1

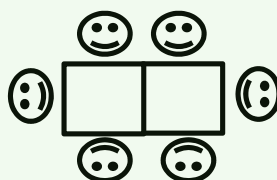


Figure 2

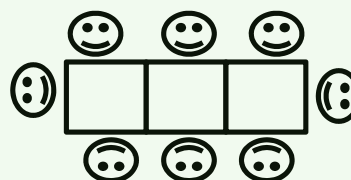


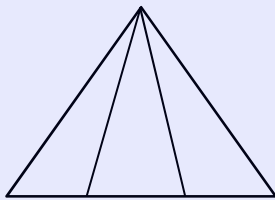
Figure 3

9.1 Complete the table below to illustrate the number of people sitting around the table(s). (2)

Number of tables	1	2	3	4		10
Number of people	4	6	8	—		—

9.2 Describe the general rule for the above pattern in words. (2)

10 How many different triangles are there in the shape below?



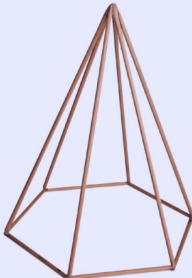
11 Write down one similarity and one difference between a square and a rectangle. (2)

Square	Rectangle
	

Similarity	Difference
_____	_____
_____	_____
_____	_____

12 Complete the table about the 3-D object below

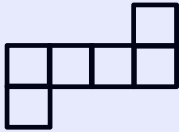
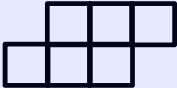
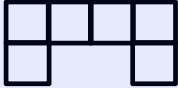
(4)

	
Name of the object	12.1 _____
Shape of the faces	12.2 _____ and _____
Number of faces	12.3 _____

13

Which of the following nets can be folded to make a closed cube

(1)

		
A	B	C

14

The clocks below were read in the afternoon.

13 APRIL	13 APRIL
	
CLOCK A	CLOCK B

14.1 What is the time in clock A in 12 hour format? (1)

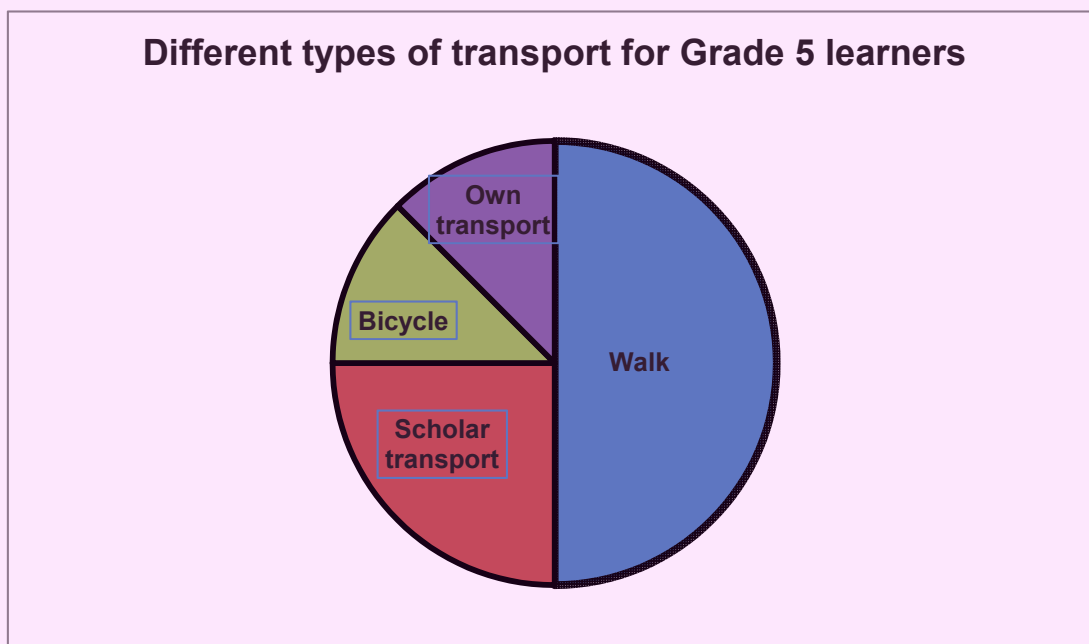
14.2 What is the time in clock B in 24 hour format? (1)

14.3 What is the time difference between the two clocks, in minutes? (1)

15 Which one is cheaper, 2 ℓ juice for R20 or 5 ℓ juice for R60? (3)

16 How many 250 ml cups of orange juice can fill up a 5 ℓ container? (2)

- 17 The pie chart below shows the number of Grade 5 learners who use different types of transport to school. There are 40 learners in the Grade 5 class. N.B. The pie chart is divided into 8 equal parts.



- 17.1 What fraction of the Grade 5 learners walk to school? (2)

- 17.2 How many learners use bicycles? (1)

- 17.3 How many learners use scholar transport? (1)

18 The following data show the marks scored by Grade 5 learners in a Mathematics test

32	25	30
30	40	32
31	30	30

18.1 How many learners wrote the test? (1)

18.2 What is the mode of the data? (1)

TOTAL MARK: 60