



education
Department: Education
GAUTENG PROVINCE

EKURHULENI NORTH DISTRICT

COMMON EXAMINATION

JUNE 2019

GRADE 5

MATHEMATICS

NAME OF SCHOOL:	
NAME AND SURNAME OF LEARNER:	
GRADE:	
MARK ALLOCATION:	60 PUNTE
DURATION:	60 MINUTE
PAGES	

INSTRUCTIONS

1. Read all the instructions carefully.
2. All calculations must be shown on the question paper.
3. Write neatly and legibly with a pen.
4. The use of a calculator is not allowed.

QUESTION	1	2	3	4	5	6	7	<u>TOTAL</u>
POSSIBLE MARKS	5	20	4	8	7	10	6	60
LEARNERS' MARKS								
MODERATORS' MARKS								

QUESTION 1

Multiple Choice: Circle the letter of the correct answer.

1.1 Which number is represented by? (1)

$$(5 \times 10\,000) + (2 \times 100) + (6 \times 1) + (7 \times 1\,000)$$

- A. 5 267
- B. 7 526
- C. 52 067
- D. 57 206

1.2 The sum of forty-two and sixteen is... (1)

- A. Sixty
- B. Fifty-six
- C. Twenty-six
- D. Fifty-eight

1.3 Which number sentence is NOT true? (1)

- A. $12 + 56 = 56 + 12$
- B. $89 - 11 = 11 - 89$
- C. $90 \times 4 = 40 \times 9$
- D. $50 + 3 - 2 = 3 + 50 - 2$

1.4 Which number is 376 more than 1254? (1)

- A. 878
- B. 1630
- C. 752
- D. None of the above

1.5 The even numbers between 2488 and 2498 are? (1)

- A. 2490; 2492; 2494; 2496
- B. 2488; 2490; 2492; 2494; 2496; 2498
- C. 2500; 2502; 2504; 2506
- D. None of the above

[5]

QUESTION 2

Calculate the answer in the space provided. Use any method. Show ALL your working out.

2.1

$$25\,436 + 4\,608$$

(2)

2.2

$$45\,234 - 25\,678$$

(2)

2.3

$$426 \times 39$$

(3)

2.4 $5\ 645 \div 13$

(3)

2.5

$$\frac{9}{12} - \frac{3}{12} - \frac{1}{12}$$

(1)

2.6 Write the correct sign < ; > or =

$$\frac{2}{3} \text{ — } \frac{3}{5}$$

(1)

2.7 Calculate the following:

$\frac{2}{6}$ of 42 shoes

(2)

2.8 Write down the missing number:

(1)

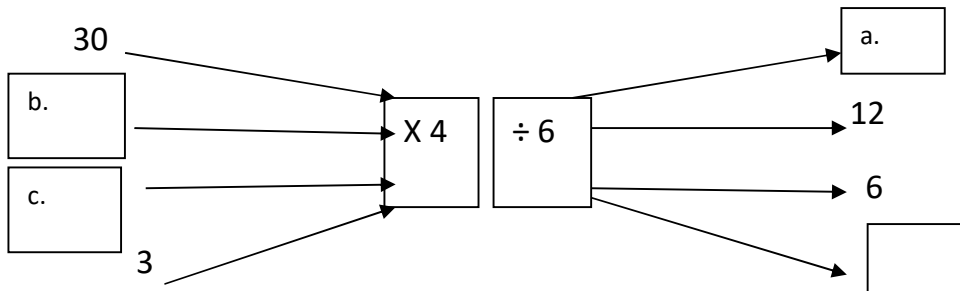
$$\frac{32}{40} = \frac{\quad}{10}$$

2.9 Calculate the following:

$$\frac{1}{7} + \frac{3}{7} + \frac{1}{7}$$

(1)

2.10. Complete this diagram:

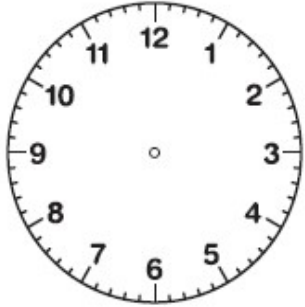


(4)

[20]

QUESTION 3

3.1 Fill in the arms in the analogue clock to show the correct time and write the correct 24 hour time.

Clock (Analogue Time)	12 hour time	24 hour time
<p>a.</p> 	<p>04:45 p.m.</p>	<p>b.</p> <p>_____</p>

(2)

3.2 Study the following T.V. guide for channel 4 and answer the questions that follow:

Channel 4	
9:00 am	Science Show
10:00 am	Behind the News
11:00 am	Weather Report
12:00 pm	Midday News
1:30 pm	My Name is Greg
2:30 pm	Movie: Solaris
4:00 pm	4 pm News
5:00 pm	Smartline
6:00 pm	Current Affairs
8:00 pm	Movie: Chinatown
9:45 pm	Late News

3.2.1 Change the **Smartline** starting time to 24 hour time. _____ (1)

3.2.2 If I started watching TV 2 hours and 15 minutes before the Science Show started, what time did I start watching TV? Give your answer in 12 hour time. _____ (1)

[4]

QUESTION 4

4.1 Look at the measuring jug below and answer the questions that follow:



Figure 1 is in Millilitre

4.1.1 How much liquid needs to be added for the reading of the jug to be at 400ml? _____ (1)

4.1.2 Write the following capacity as ml only.

5l 30ml = _____ ml (1)

4.1.3 Write the following capacity in l and ml

11 518 ml = _____ l _____ ml (1)

4.1.4 This is a Pancake recipe that makes 10 pancakes.

- 250 ml flour
- 125 ml milk
- 150 ml warm water
- 10 ml oil
- 5ml baking powder



Write the correct amount needed of each ingredient to make 40 pancakes. Write these on the table provided.

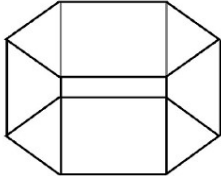
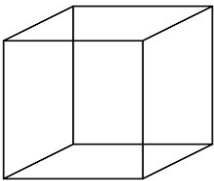
Ingredients	Amount needed for 40 pancakes
Flour	a)
Milk	b)
Warm water	c)
Oil	d)
Baking powder	e)

(5)

[8]

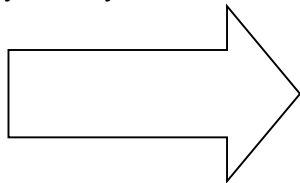
QUESTION 5

5.1. Complete the table below:

Object	Name of object	Number of edges	Number of faces
	Hexagonal Prism	18	a) _____
	b. _____	c. _____	6

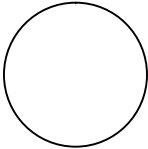
(3)

5.2. Draw lines of symmetry in the following shape:



(1)

5.3. Complete this 2-D shape table: Draw if needed

Shape	Name	Curved /straight/curved and straight
	Circle	a. _____
b. _____	Pentagon	c. _____





(3)


[7]


QUESTION 6

Study the graph below and answer the questions that follow:

Acti

Movie Classification	Tickets Bought
Comedy	
Children	
Horror	
Action Movie	

Key:  =10 tickets etc

Key:  = 10 tickets etc.

6.1 What type of graph is this? _____ (1)

6.2 For which movie classification was 40 tickets sold? _____ (1)

6.3 What is the difference in tickets bought between the Horror and the Action movie?
_____ (1)

6.4 What was the total number of tickets bought? _____ (1)

6.5 How many more tickets were sold for the Comedy than the Action? _____ (2)

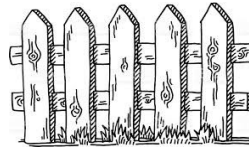
6.6 Complete the tally table to represent the following data.

Movie Classification	Tally	Total
Children		
		(1)
Horror		
		(1)

QUESTION 7

7.1 Solve the following word problems. Remember to show an open number sentence, working out and a closing sentence.

7.1.1 Jack's dad spends R840 on 35 metres of fencing.



How much does he pay for 1 metre of fencing?

(3)

7.1.2 Dad filled the blow-up swimming pool at home with 1200ℓ of water. However, the pool has a slow leak. The pool leaks 5ℓ of water every hour.

If the pool leaks for 12 hours until dad can fix the leak. How much water is left in the pool?

(3)

[6]

