



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

MARKS

ANNUAL NATIONAL ASSESSMENT 2012 GRADE 4 MATHEMATICS TEST

MARKS: 60

TIME: 1½ hours

PROVINCE _____

REGION _____

DISTRICT _____

SCHOOL NAME _____

NATIONAL EMIS NUMBER (9 digits)

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CLASS (e.g. 4A) _____

SURNAME _____

NAME _____

GENDER (✓)

BOY

GIRL

DATE OF BIRTH

C	C	Y	Y	M	M	D	D
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This test consists of 10 pages, excluding the cover page.

Instructions to learners

1. Read all the instructions carefully.
2. Question 1 consists of 5 multiple-choice questions. Circle the letter of the correct answer.
3. Answer Questions 2 to 23 in the spaces or frames provided.
4. Show all working on the question paper.
5. The test duration is 90 minutes.
6. The teacher will lead you through the practice exercise before you start the test.
7. You may not use a calculator.

Practice exercise

Circle the letter of the correct answer.

$$8 \times 6 =$$

- ☒ A 48
B 84
C 72
D 60

You have answered the question correctly if you have circled A.

NOTE:

- You will answer more questions in the test like the one you have just completed.
- Do your best to answer each question even if you are not sure of the answer.
- Look only at your own work.

The test starts on the next page.

1. Circle the letter of the correct answer.

1.1 What is the value of the underlined digit in 1 102?

A 100

B 10

C 1 000

D 1

(1)

1.2 The number 454 rounded off to the nearest 10 is ...

A 400

B 450

C 455

D 460

(1)

1.3 Peter is 2 years old and Ntombi is 7 years old. The ratio of Peter's age to Ntombi's age is ...

A 9 : 2

B 2 : 7

C 7 : 9

D 7 : 2

(1)

1.4 Which number is a multiple of 6?

A 4

B 24

C 8

D 10

(1)

- 1.5 What unit of measurement is used to measure the amount of water in a tea cup?
- A Litre
- B Kilolitre
- C Millilitre
- D Centimetre (1)

2. Fill in the missing number in the open space.

$$\boxed{} - 41 = 12 \quad (1)$$

3. Complete the following patterns:

3.1 5 100; 5 125; 5 150; _____; 5 200; _____. (2)

3.2 \odot Δ Σ \odot Δ Σ _____ (2)

4. Fill in the missing fraction in the sequence.

$$\frac{5}{10}, \frac{7}{14}, \frac{9}{18}, \frac{11}{22}, \frac{\boxed{}}{\boxed{}}, \frac{15}{30} \quad (2)$$

5. Complete the 'breaking down' of 7 965.

$$7\,965 = (7 \times 1\,000) + (9 \times \underline{}) + (\underline{} \times 10) + (5 \times 1) \quad (2)$$

6. Sipho changes his R100 note for R5 coins only. How many R5 coins does he get?

Sipho gets _____ coins.

(2)

7. Half of 2 250 is _____. (1)

8. Double 1 525 is _____. (1)

9. Calculate:

9.1

$$1\,353 + 5\,303$$

(2)

9.2

$$3\,544 - 3\,193$$

(2)

9.3

$$87 \times 52$$

(3)

9.4

$$245 \div 5$$

(3)

10. Write a number sentence for the following:

David picked 112 cabbages. He packed 8 cabbages into each bag to send to the market. In total, he sent 14 bags to the market.

(2)

11. Circle all the even numbers in the frame.

1 345		
	483	
2 780		238
	691	

(2)

12. Complete:

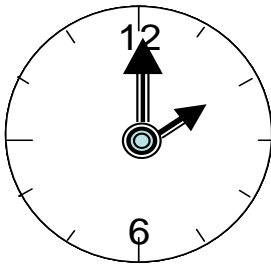
12.1 10 mm = _____ cm

(1)

12.2 1 000 ml = _____ ℓ

(1)

13. Write the time shown on the clock as a 24-hour time.



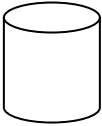
(2)

14. Mark's birthday is on 2 November. Jordan's birthday is on the 20th of the same month. They were both born in the same year but Mark was born at 08:00 while Jordan was born at 08:05 in the morning.

NOVEMBER						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

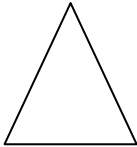

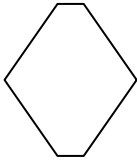
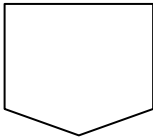

- 14.1 Tick ☒ each boy's date of birth on the calendar. (2)
- 14.2 Who is the older boy? _____ (1)
- 14.3 How many days apart were they born? _____ (1)


15. Look at the picture of the closed solid 3-D object and complete the table.

Object	Object name	Number of curved faces	Number of flat faces
			

(3)

16. Study the table and answer the following questions.

1				
2				
	A	B	C	D

16.1 The position of  is _____. (1)

16.2 Shade B1. (1)

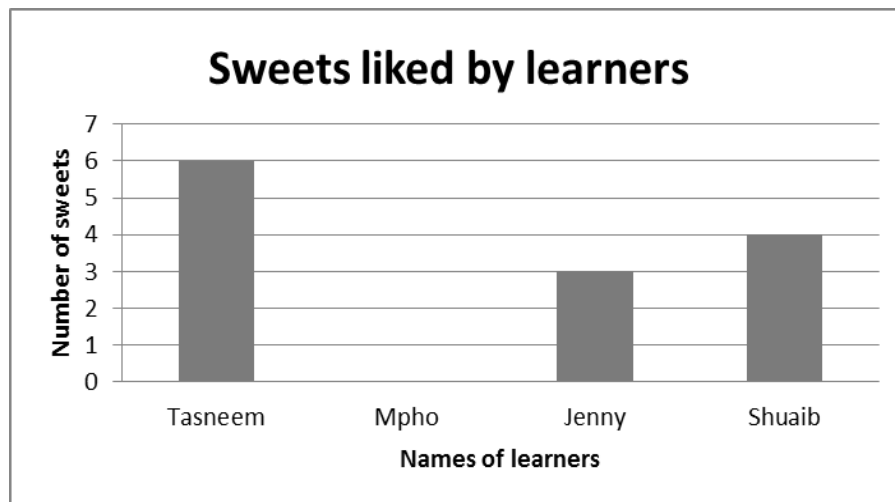
17. Tasneem has 6 sweets, Mpho has 7 sweets, Jenny has 3 sweets and Shuaib has 4 sweets.

17.1 Use the above data to complete the frequency table.

Name	Tally Marks	Frequency
Tasneem	III I	6
Mpho		7
Jenny	III	3
Shuaib		4

(2)

17.2



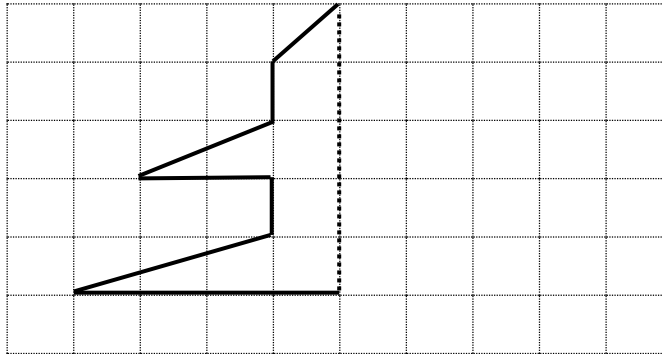
17.2.1 Complete the above bar graph to show the number of sweets Mpho has.

(1)

17.2.2 Who has twice as many sweets as Jenny?

(1)

18. Draw the right-hand side of the sketch to make the sketch symmetrical about the dotted line.

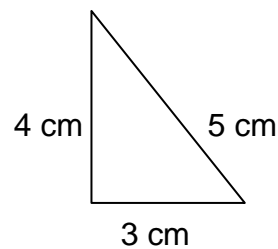


(3)

19. Peggy planted 60 trees in 6 rows. If she planted the same number of trees in each row, it means that she planted _____ trees per row.

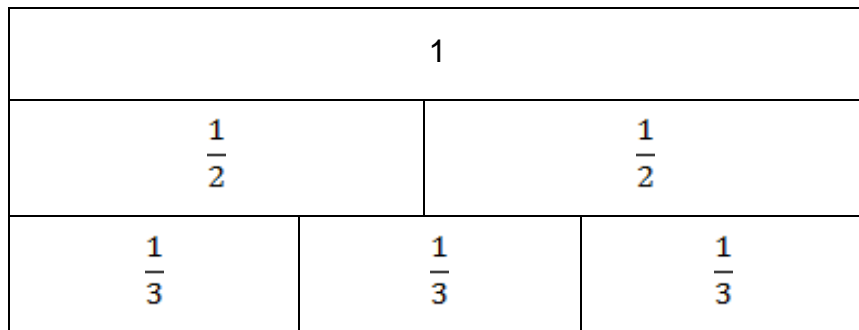
(2)

20. Calculate the perimeter of the triangle.



(2)

21. Study the fraction wall and then answer the question.



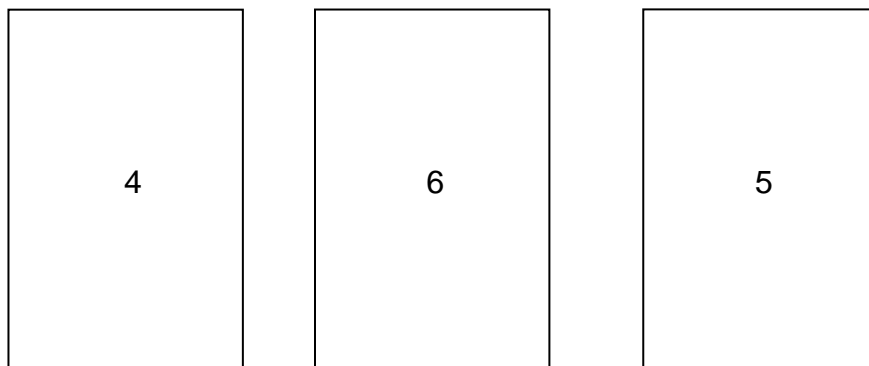
Write the symbol $<$; $>$ or $=$ between the fractions to make a correct statement.

$\frac{1}{2}$ _____ $\frac{2}{3}$ (1)

22. Say whether the following statement will be certain or uncertain.

A two-month-old baby cannot walk. _____ (1)

23. Susan has 3 numbered cards. How many different 2-digit numbers can she make with these cards?



(2)

TOTAL: 60