



**GRADE: 5**  
**SUBJECT: MATHEMATICS**  
**TERM ONE**  
**FORMAL ASSESSMENT TASK (FAT) 1.2**

Name: \_\_\_\_\_

Class: \_\_\_\_\_ Date: \_\_\_\_\_

School: \_\_\_\_\_ Teacher: \_\_\_\_\_

FAT	Activity/Form	Learner's mark	Learner's %
1.2	TEST		
<b>TOTAL</b>			

# MATHEMATICS GRADE 5 FORMAL ASSESSMENT TASK (FAT) 1.2: TEST

Total: 60 Marks

Time: 1 ¼ hour

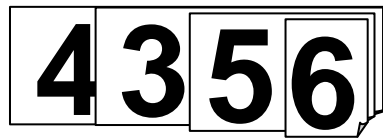
Name: \_\_\_\_\_

Date: \_\_\_\_\_

-----  
**Instructions:**

- 1) Answer all the questions.
- 2) Write your name and date.
- 3) No calculators allowed.
- 4) Show calculations as requested on question paper.
- 5) The marks allocated are an indication of the number of steps per calculation.
- 6) Check your answers.

**Question 1: Look at the number**



1.1 Write the number in words.

\_\_\_\_\_ (1)  
1.2 Is it an EVEN or UNEVEN NUMBER? ( Explain your answer)

\_\_\_\_\_ (2)  
1.3 Write the number in expanded notation.

\_\_\_\_\_ (1)  
1.4 What is the value of the 5 in the number?

\_\_\_\_\_ (1)  
1.5 What is the place value of the 5 in the number?

\_\_\_\_\_ (1)  
1.6 Calculate the difference in the value of the 4 and the 6

\_\_\_\_\_ (3)  
1.7 Complete:

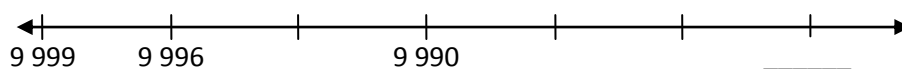
1.7.1 Double the number is: \_\_\_\_\_ (1)

1.7.2 Halve the number is: \_\_\_\_\_ (1)

[11]

**Question 2: Count and complete:**

[2]



**Question 3: Fill in the correct sign <, > or =**

3.1  $5\,440 \underline{\hspace{1cm}} 5\,404$  (1)

3.2  $567 \times 10 \underline{\hspace{1cm}} 576 \times 10$  (1)

3.3  $7\,707 + 0 \underline{\hspace{1cm}} 7\,077 + 0$  (1)  
[3]

**Question 4: Rounding off**

4.1. Round off to the nearest: (3)

	10	100	1 000
2 654	4.1.1	4.1.2	4.1.3

4.2 Mr. Wright has three large rocks in his garden. The rocks weigh 795 kg, 712 kg, and 270 kg. What is the **best estimation** of the total weight of the rocks? (Circle the answer)

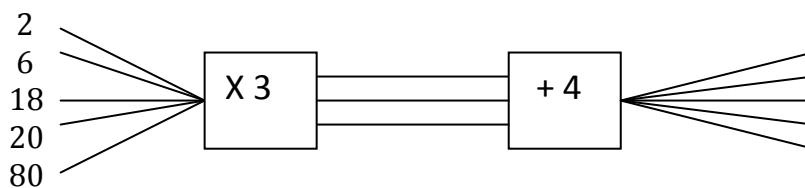
- A. 1 000 kg      B. 1 800 kg      C. 1550 kg      D. 1 370 kg (1)  
[4]

**Question 5: Study the table and answer the question on it:**

5	6	7	9	12	15	16	17
20	25	32	39	44	68	72	88

- 5.1 Which numbers has 10 as a factor? \_\_\_\_\_ (1)  
 5.2 Which numbers are multiples of 11? \_\_\_\_\_ (1)  
 5.3 Which numbers are divisible by 9? \_\_\_\_\_ (1)  
 5.4 Write down the factors of 9. \_\_\_\_\_ (1)  
 [4]


**Question 6: Use the flow diagram to complete the table.**



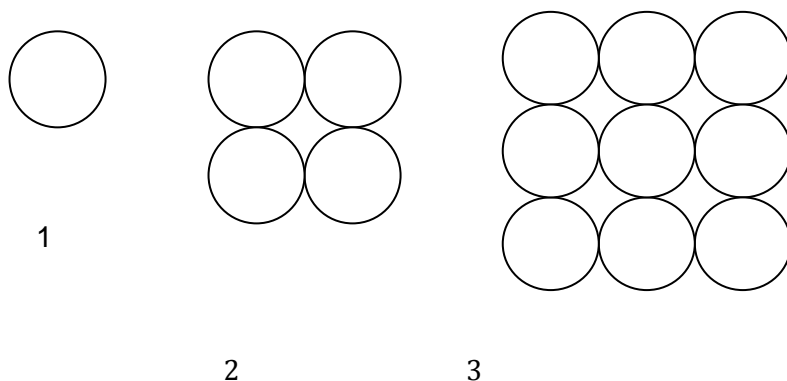
Inset value	2	6	18	20	80
Outlet value	10	(6.1)	(6.2)	64	(6.3)

- 6.1 \_\_\_\_\_      6.2 \_\_\_\_\_      6.3 \_\_\_\_\_ [3]

**Question 7: Circle the correct answer:**

- 7.1 Choose a number sentence that has the same value as  $6 \times (7 + 2)$ .  
A.  $(6 \times 7) + 2$       B.  $(6 \times 2) + 7$       C.  $(7 + 2) \times 6$       D.  $(6 + 2) \times 7$       (1)
- 7.2 Which number will follow in the pattern? 15; 20; 30; 50; \_\_\_\_  
A. 80      B. 120      C. 90      D. 110      (1)
- 7.3 What number is the mouse covering? 17      31       59      73  
A. 41      B. 42      C. 43      D. 45      (1)  
[3]

**Question 8: Study the pattern and then answer the questions based on the pattern:**



- 8.1 How many circles are necessary for the fourth pattern? \_\_\_\_\_ (1)
- 8.2 Which pattern needs 49 dots? \_\_\_\_\_ (1)  
[2]

**Question 9: Calculate the following. Show your workings**

- 9.1 A truck driver travels 239 km on Monday, 1 122 km on Tuesday and 1 199 km on Wednesday. Calculate the total distance travelled. (3)
- 9.2 Farm workers picked 2 345 pears during the morning. After lunch they picked some more. By the end of the day, they had picked 6 589 pears. How many pears did they pick after lunch? (3)

9.3 Calculate the price of a car costing R78 350 and you getting discount of R12 655 on it. (3)

9.4 How many small packets with 8 sweets can be filled from a container with 110 sweets. (3)

[12]

**Question 10: Complete**

$$47 \times 15 = (47 \times 10) + ( \quad )$$

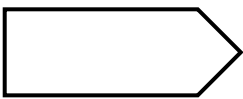

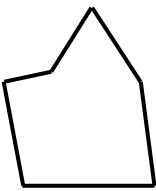
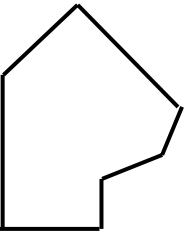
$$= \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

[4]

**Question 11: 2D shapes**

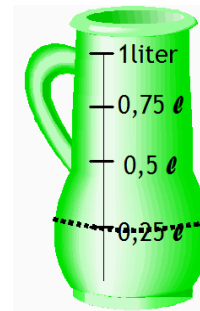
Name each of the following shapes and indicate the number of **right angles**, angles **smaller than right angles** and angles **bigger than right angles**.

		Name of 2D Shapes	Number of angles
11.1		.....	Right angles = 2 (1)
11.2		Quadrilateral	Angles bigger than right angle = ..... (1)
11.3		Hexagon	Angles smaller than right angle = ..... (1)
11.4		.....	Right angle = 2 Bigger than right angle = ..... (2)

[5]

**Question 12: Measurement**

Answer the following questions by looking at illustration of a jug.



12.1 What is the capacity of the jug? \_\_\_\_\_

(1)

12.2 How many ml is needed to fill the jug? \_\_\_\_\_

(1)

[2]

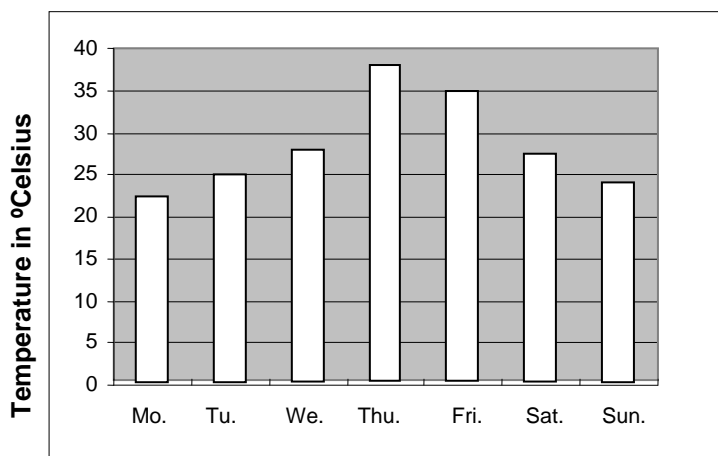
**Question 13:**

A vat contains 12 litres of water. How many 1,5 litre bottles can be filled from this vat?

\_\_\_\_\_

[2]

**Question 14: The following graph shows the maximum daily temperature for Cape Town for one week.**



14.1. What is the temperature reading for the coolest day? \_\_\_\_\_

(1)

14.2 What was the difference in temperature for the coolest and the hottest day?  
\_\_\_\_\_

(1)

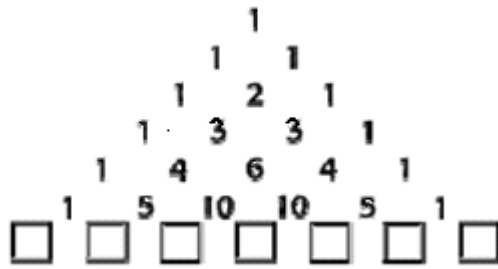
14.3. Are these temperatures during the summer or winter? Give a reason for your answer.  
\_\_\_\_\_

(2)

**Total = 60 Marks**

**Bonus question:**

Find the pattern. Write out the whole pattern.



---

[2]