FINAL TEST ACADEMIC GUIDE TERM I

SUBJECT: mathematics	GRADE:	FG	G	T	1	2	3	4	DATE:		
		5	6	7	8	9	10	11			
STUDENT:		TEACHER: Karen Newball – Daniel Peña									

RUBRIC (Performance Levels for Formal Assessment).			
EVALUATION CRITERIA *Product based on CIE Maths Primary Mark Schemes*		**YES**	**NO**
1.	Goes through all steps learned in class to solve word problems.		
2.	Answers properly by using numbers and units according to the given context.		
3.	Shows procedures and methods on spaces provided (*Questions Paper/Answer Sheet*).		
4.	Writes clear numbers and appropriate expressions to show answers.		

1. **Complete the following.**

   6845 + [   ] = 9734   [   ] + 67 = 149

   [1 RA]

2. **Gabriela calculates 3 × 19 by multiplying by 20 and then adjusting.**

7 × 19	133
7 × 20	140

   Use her method to complete these calculations.

   [1 MP]

4 × 19	
4 × 20	

6 × 20	
6 × 21	

3. **Complete these statements.**

   Double 5.4 = ...   Double .... = 9.6

   [1 RA]

4. **In a cinema there are 13 rows with 27 seats in each row.**

   How many seats are there altogether?   .... seats [1 MP]

5. **Sebastian draws a number line to find the answer to 552 + 434. Write the missing numbers in the boxes.**

+400   +30   + 4

552
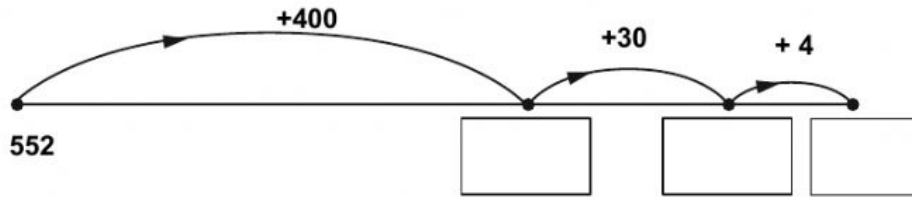
[1 MP]

6.   Lily buys 2 backpacks, 3 books and a teddy.

$23.4 $32.5 $16.7

(a) How much does she spend altogether?

$ .... [1 RA]

(b) How much change does she receive from $200?

$ .... [1 RA]

7.   Charly rounds 2751 to the nearest 100

Tick (✔) the correct answer.

2900   **2750**   **2700**   **2800**   **2860**

☐   ☐   ☐   ☐   ☐

[1 RA]

8.   Here is a triangle.

Tick (✔) the word which describes the triangle.

Isosceles   **equilateral**   **scalene**

☐   ☐   ☐   [1 CM]

Explain   your answer:

a. Isosceles because it has three equal sides.

b. Equilateral because it has two equal sides.

c. Isosceles because it has two equal sides.

[2 RA]

9.   Complete the calculation so that the answer is a multiple of 4

$$34 - \boxed{} = \boxed{}$$

[1 RA]

10.   Draw a ring around **ALL** the numbers that are factors of **60**

1	2	5	6	7	8	10	12	24	45	60
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

[2 C]

11.   Here are some numbers

1	4	7	10	100	300

Write one number in each box to complete the statement.

$$345 = (3 \times \boxed{}) + (\boxed{} \times 10) + (5 \times \boxed{})$$

[1 MP]

12.   Camilo's journey to school takes 37 minutes.

He arrives at school at 7:05 am.

What time did he leave home?

.... : .... am [1 MP]

13.   A shopkeeper has 635 oranges 27 of them are bad.

He packs the rest equally into 8 boxes.

How many oranges are in each box?

Show your working.

…………………………………… [2 MP]

14.   The pedestrians traffic light changes from stop to go every 120 seconds.

How many times will it flash in one hour?

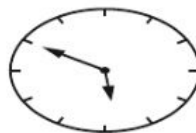................................ [1 RA]

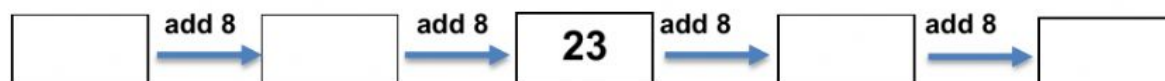15.   Draw a line to join each digital clock to the analogue clock that shows the same time.

6:50

17:05

16:00
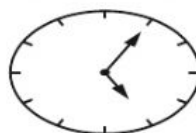
[1 C]

16. Here is a number pattern.

Write the missing numbers in each box.

| | add 8 | | add 8 | 23 | add 8 | | add 8 | |

[2 C]

17. Here are four numbers.

99 136   **906 019**   **131 600**   **809 999**

Write these numbers in the boxes to make the statement correct.

| | > | | > | | > | |

[1 MP]

18. Mariana and David each choose a decimal.

They round their decimals to the nearest whole number.

Tick (✔) the box where their whole numbers are the same.

Mariana 2.3	Mariana 3.6	Mariana 4.4	Mariana 5.6
David 3.2	David 4.3	David 5.5	David 6.4
☐	☐	☐	☐

[1 C]

19. Use one of these words to complete each sentence.

always   **sometimes**   **never**

Whole numbers ending in five can .... be divided exactly by 10

Whole numbers ending in zero can .... be divided exactly by 3

Whole numbers ending in five can .... be divided exactly by 2

Whole numbers ending in zero can .... be divided exactly by 10

[2 RA]

20. Write the positions of **-4 and 3** on the number line.

−5 [ ] [ ] [ ] [ ] 0 [ ] [ ] [ ] [ ] 5
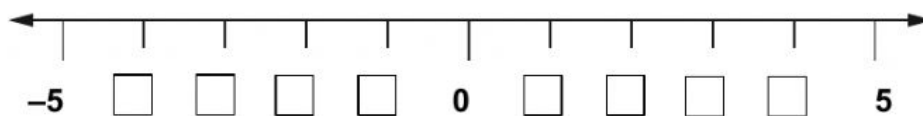
[1 C]

21. Rajiv makes two function machines, A and B, to give the SAME result.

X 25

X 100   ÷ _____
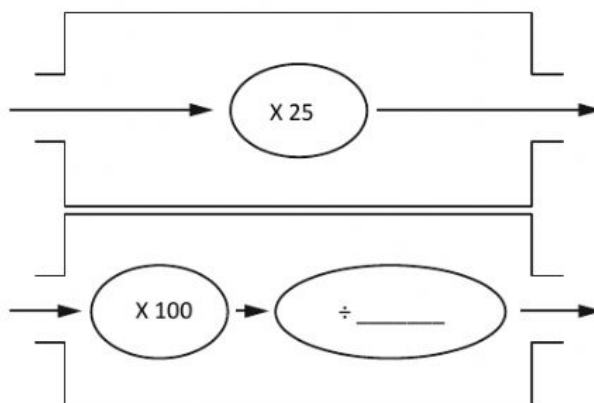
(a) Complete machine B.

[1 C]

(b) Calculate 54 × 25 **using machine B**. You must show all your working.

.... [1 RA]

22. David thinks of a square number between 15 and 80

He adds 3 to the number.

The total is a multiple of 4

Which square number did he start with?   .... [1 RA]

23.   Sandra Says,

I am thinking of three even numbers.

They add up to 63

Camila says that she cannot be correct.

Explain how Camila knows this.

Choose the best answer:

a. She is correct because the sum of three odd number equals even number.

b. She is not correct because the sum of three even number equals odd number.

c. She is not correct because the sum of three even numbers equals even number.

24. This graph shows the temperature in °C on a cold day.

Temperature in °C

Time of day
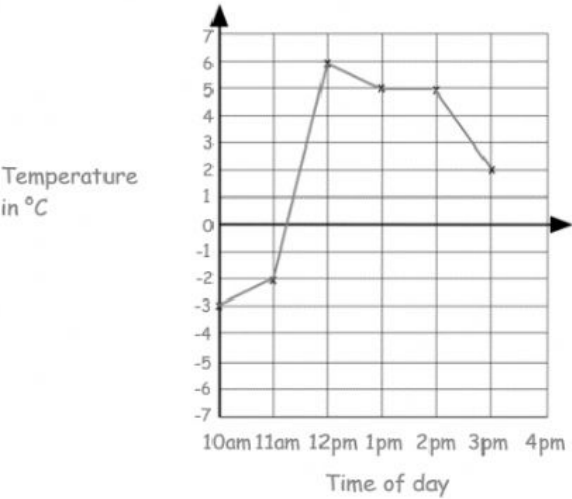
a. How many degrees was the temperature at 11am? ………………………………… [1RA]

b. At 4pm the temperature was 3 degrees lower than at 3pm

What was the temperature at 4pm? ………………………………… [1RA]

25. Today is February 2.

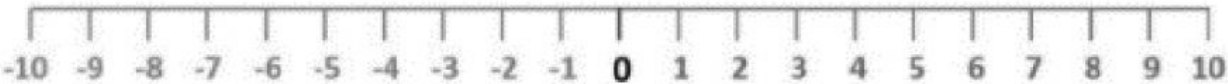| FEBRUARY						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

In one week and four days Mrs. Wong's class will be going

on a field trip to the science museum.

What is the date of their field trip?

………………………………… [1 MP]

26. The temperature in Madrid is 6 °C.

It is 10 degrees colder in Oslo.
Use the number line if need it

-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

What is the temperature in Oslo? ………..........……………..... °C [1 RA]