MOUNT CARMEL INTERNATIONAL SCHOOL, AKOLA Cambridge International				
Formative Assessment: I	Subject: Mathematics	Date: 02.09.2024		
Student's Name:		_ Roll No: Grade: 6		
Marks: 25 T	ime Duration: 60 minutes	Invigilator's Sign.		
Q.1. Fill in the blanks.		(2)		
a hundre	ed + tenths +	_ thousandths = 100.608		
b. 12.2 = 10 +	c. 20 +	+ 0.007 = 20.337		
Q.2. Multiply or divide.		(2)		
a. 1.023 x 10 =	c.25 ÷ 10	0 =		
b. 20.045 x 1000 =				
Q.3. Choose True or Fals	е.	(1)		
a. 117 is divisible by 3	3.			
b. 208 is divisible by 6	6			
c. 2669 is divisible by	. 9			

Q.4. A marker and a bench are placed at the start of a trail. Markers are placed every 4 m along the trail. Benches are placed every 10 m. How far from the start of the trail will the marker and bench next be placed together? (2)



Q.5. The height of the water pool is 1.88 m. it decreases 0.01 m every minute. will be the height of water in the pool after 6 minutes?			
2.6. The perimeter of the front of the square grill pan is p cm. Write an equates perimeter.	tion f (1)		
p p p			
2.7. Fill in the blanks.	(1)		
a. $5^3 = ___x __x __$ b. $__= 4^2 x 4$			
2.8. The house numbers on a street form a number sequence.			
	(1)		
a. Raiph says that he lives on this street. His house number is 30. Is he right?	(1)		
b. What is the position to term rule of the sequence?	(1)		
\sim			
3=6.If B=2, what is the value of A?	(1)		

Q.10.a. Eva is at the supermarket with a grocery bag. Suggest two different ways she can pack some of the items on her shopping list into her bag. Ensure her bag holds exactly 5 kg of items. (2)

Shopping List (in Kg)			
Onions	0.045		
Potatoes	2		
Watermelon	3.5		
Corn	0.185		
Flour	0.455		
Sugar	1.27		
Papaya	1		
Apples	1.5		

b. Estimate the total price of sugar, onions and watermelon to the nearest whole number. (1)

Q.11. Ralph ran in 23.4 seconds. What is this timing rounded to the nearest whole number? (1)



Q.12.a. The mean has been calculated for each set of numbers below. One number in each set is hidden. Work out the missing number. (1)

The mean is 6.

7, 9, 6, _____

b. In a class, five students scored 85, 90, 78, 88, and 94 on a math test. Find the mean, median and range. Which average score would be best for test performance of the students? (4)

Mean	Mode	Median

c. In a class of 20 students, 6 chose apples, 7 chose bananas, 3 chose oranges, and 4 chose grapes as their favorite fruit. What is the mode of the favorite fruits? (1)

Q.12. Meera divides a number by 10, then by 10 again and then by 10 again. Her answer is 0.005. What number did she start with? (1)

Q.13. Sarah has 4,856 apples in her orchard. She picks 3,279 more apples from another part of the orchard. Later, she sells 2,538 apples at a market. How many apples does she have left? (1)