

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

Time Duration: 60 minutes

Invigilator's Sign.

Q.1. Fill in the blanks. (2)

a. _____ hundred + _____ tenths + _____ thousandths = 100.608

b. $12.2 = 10 +$ _____

c. $20 +$ _____ $+ 0.007 = 20.337$

Q.2. Multiply or divide. (2)

a. $1.023 \times 10 =$ _____

c. $25 \div 10 =$ _____

b. $20.045 \times 1000 =$ _____

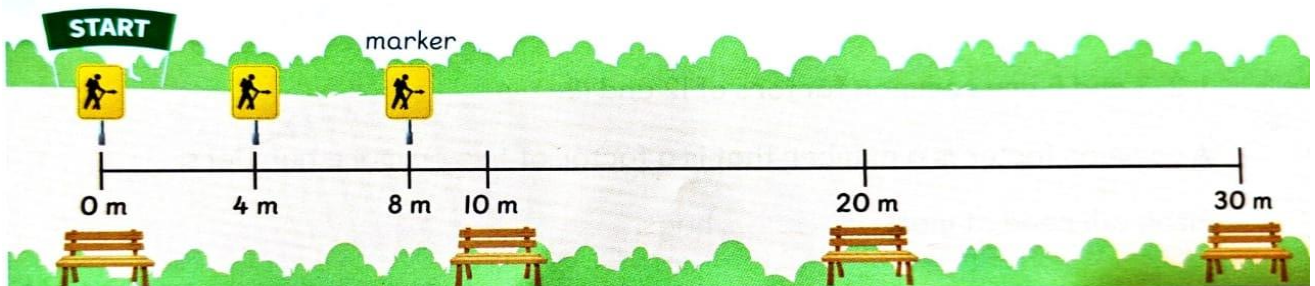
Q.3. Choose True or False. (1)

a. 117 is divisible by 3. _____

b. 208 is divisible by 6. _____

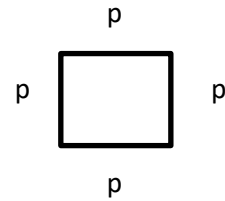
c. 2669 is divisible by 9. _____

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. What will be the height of water in the pool after 6 minutes? (1)

Q.6. The perimeter of the front of the square grill pan is p cm. Write an equation for its perimeter. (1)

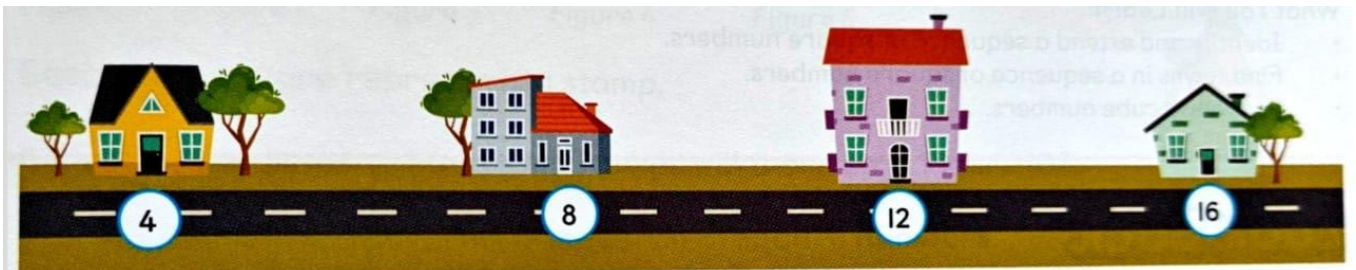


Q.7. Fill in the blanks. (1)

a. $5^3 = \underline{\quad} \times \underline{\quad} \times \underline{\quad}$

b. $\underline{\quad} = 4^2 \times 4$

Q.8. The house numbers on a street form a number sequence.



a. Ralph 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)

Q.9. You can write $A+B = 10$. A and B can have different values. For example, if $A = 4$, $B=6$. 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)



