BIRLA VIDYA NIKETAN CLASS 5 CHAPTER- DIVISION

ASSIGNMENT- 4

Q1. Mental Maths

- 1. Without actually dividing, state the remainder when:
- b) 5,432 is divided by 100. 32
- d) When a non zero
- d) When a non-zero number is divided by itself, the quotient is ______. Q2. A number when divided by 15 gives a quotient of 23 and a remainder of 7. Find the number.

(Recall: Dividend = Divisor times Quotient + Remainder).

Divisar = 15 So (15x23)+7 Quotient = 23 345 +7 Remainder = 7 = 352

Q3. The Mystery Number Chain:



I start with a number. I divide it by 7, and the quotient is 15 with a remainder of 3. What was my starting number? If I then divide that starting number by 10, what will be the quotient and remainder?

Divisor x Quotient) + Remainder = Divident (7×15) +3 105+3 me divide the starting no. by 10 then, 108:10

Ria bought 170 candles. She needs to put 15 candles on each birthday cake. Q4. The Birthday Candles: b.) After decorating the cakes, how many candles will she have left? 170-165 = 5 b) After decorating the cakes,

c) How many more candles does she need to decorate one more cake? _ (15-5) 10 candles

Q5. Case study

Scenario:
The teachers of ABC Primary School are planning a field trip to the Delhi Zoo for all students from Class 5. There are a total of 360 students in Class 5.

The school has decided on the following arrangements:

* Transportation: Buses will be hired. Each bus has a seating capacity of 45 students.

* Supervision: For every 15 students, there must be 1 teacher to supervise.

* Lunch: Each student will receive a lunch packet. The school budget allows Rs. 75 for each student's lunch packet.

* Entry Tickets: The entry ticket to the zoo costs Rs. 60 per student. Teachers get free entr

Questions:

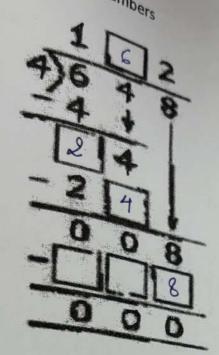
Read the case study carefully and use division (and other operations if needed) to answer the following questions. Show all your calculations.

- a) How many buses will the school need to hire to transport for all the Class 5 students to the zoo? 360 - 45 = 8 buses
- b) How many teachers will be required for supervision during the field trip? 360 ÷15 = 24 +cocher
- c) If the school paid a total of Rs. 27,000 for all the students' lunch packets, what was the cost of one lunch packet? cost of one lunch packet? 27000+360 = Rs 75
- d) What is the total cost of entry tickets for all the Class 5 students? $\frac{60 \times 360}{60 \times 360} = 21600$

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Mind spark question

Q. Find the missing numbers



Rough work