

Lesson 11 (23rd June)

Objectives:

Mostly
Procedural
Problems

- ① List multiples, CM and find LCM.
- ② Abstract problems involving multiples. (Divisibility rules)

Problems in class (Working test)

⑤, ⑦, ⑧, ⑨, ⑩, ⑪, ⑫,
⑮, ⑯, ⑰, ⑱, ⑳, ㉔, ㉕

Practice at Home (2 times)

①, ②, ③, ④, ⑥, ⑬, ⑭,
⑰, ⑱

2, 3, 4, 5, 9

2, 3, 5 { 9 3 5

②, ③ ⑨ 4

4v

95 ①

2

Opening (5 mins)

"I wrote down a 3-digit no. on my notebook but spilt tea hot ch. on it."

Only 2 digits are visible now:
But I remember that it was a mult. of 2 and 3. (or div. by 2, 3)

I can see 95 _ .

Can you help me find the number."

Kids try (2-3 min)

Class discussion. (2-3 min)

↳ So, either I can try by trying all no.s one by one.
'Oh I can be smart.

Introducing 2 → "Last digit will be a mult. of 2"
divisibility rules.

So I will try 2, 4, 6, 8, 0.

Try all these numbers.

↳ I could even be smarter if knew one useful spl. rule about 3.

3. (Sum of no.s must be div. by 3)

So, I check now. ("Only 4 satisfies")

Consider same problem.
Practice (Discussion based) [20 mins]
Multiple of

→ 3, 4, 5

95 _ _ (4 digit no.)

(Introduce div. rule for 5) 2, 0

→ 2, 3, 5

28 _ _

~~280~~
0

2820
2850
2288

→ 2, 9

57 _ _

→ 5, 9

46 _ _

→ Try with 5
 the try with 0.

Worktime (Revisiting simple concepts from last 3 classes)

Kids will do the following questions to consolidate the learning.

They must finish in the class itself.

"7-12, 15-18, 20, 24, 25"

5 mins → Messaging for homework (3 days) → 8 questions
 "1, 2, 3, 4, 6, 13, 14, 19"