Session 13: 2 Digit & 1 Digit Division

Session Title	Division 2-digit & 1-digit
Objective	By the end of the class, students will be al 1. Divide 2-digit numbers by 1-digit num accurately 2. Frame and solve real-life problems us division. 3. Apply the six-step method to find solu
Concept	Basic and intermediate division
Materials required	1. Flash card 2. Division race card 3. Timer 4. Worksheet 5. Black board
Methodology	Step-by-step progression from simple to c division problems.
Session Duration	90 minutes

Introduction Activity (60 minutes):

Division Race

How to Play:

- Set up a list of two-digit division problems.
- Players start at the same time and solve the problems as quickly as they can.

- For each correct answer, players get a point.
- After a set time (e.g., 15 minutes), the player with the most points wins.

Problem	Division
36 ÷ 6	= ?
48 ÷ 8	= ?
72 ÷ 9	= ?
56 ÷ 7	= ?
84 ÷ 12	= ?
91 ÷ 13	= ?

Problem-solving method (six steps) (15 minutes)

Problem- A shopkeeper has 72 pencils. He packs them in boxes, each holding 8 pencils. How many boxes can be fill?

Step 1: comprehension

- Understand the scenario. What is the situation about?
  The shopkeeper has 300 pencils, 20 per box.

Step 2: Find the problem -What do we need to find?

- How many boxes can be filled?

Step 3: data collection -Gather the numbers

- Total = box capacity =20
- Total pencils = 300, pencils per box 20

Step 4: equation - frame the division:

- Work: 300÷20=?

Step 5 operation: perfume the division:300 ÷20=15

- Work: 300÷20=15

Step 6 solution: final answer with clarity

- Work: 20 boxes can be filled

Practice activity (15 minutes)

1. A library has 72 books and 12 shelves. How many books per shelf?
2. You have 120 stickers and want to place 12 stickers on each page. How many pages are needed?

What steps do we follow in solving a problem using division? (Teacher asks)

Solve:

- 450 ÷ 15 = ?
- 540 ÷ 18 = ?
- 672 ÷ 24 = ?

Division Relay Race (30 minutes)

How to Play:

Write a series of division problems (involving 1-digit or 2-digit numbers) on the board or on paper. Divide the players into teams, and each player must solve one problem before passing the task to the next teammate. The first team to solve all the problems correctly wins.

The division problems should be written on small slips of paper for the teacher to hold and draw from during the game.

Problem	Solution
8 ÷ 2	4
72 ÷ 9	8
145 ÷ 5	29
54 ÷ 3	18
96 ÷ 12	8

Problem	Solution
289 ÷ 17	17
36 ÷ 6	6
144 ÷ 12	12
672 ÷ 8	84
1008 ÷ 12	84

Review Questions (15 minutes):

1. What is Division?

   Division is splitting a number into equal parts or groups. It is the opposite of multiplication.

   Example: 20 ÷ 4 = 5 (20 split into 4 equal parts gives 5 in each part)

Follow-up tasks (15 minutes):

Home Work

- 24 ÷ 6 = ?
- 36 ÷ 4 = ?
- 42 ÷ 7 = ?
- 56 ÷ 8 = ?
- 63 ÷ 9 = ?
- 24÷ 12=?
- 66 ÷ 11=?
- 25÷15=?
- 50÷10=?
- 60÷12=?

Expected learning outcome:

Knowledge building:

- Applying Division in Word Problems:
- Solving real-world problems using division, such as distributing items equally, dividing quantities into smaller parts, or calculating rates.

Skill building:

- Understand division basics (dividend ÷ divisor = quotient).
- Practice long division step-by-step.
- Practice regularly with worksheets and games.

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