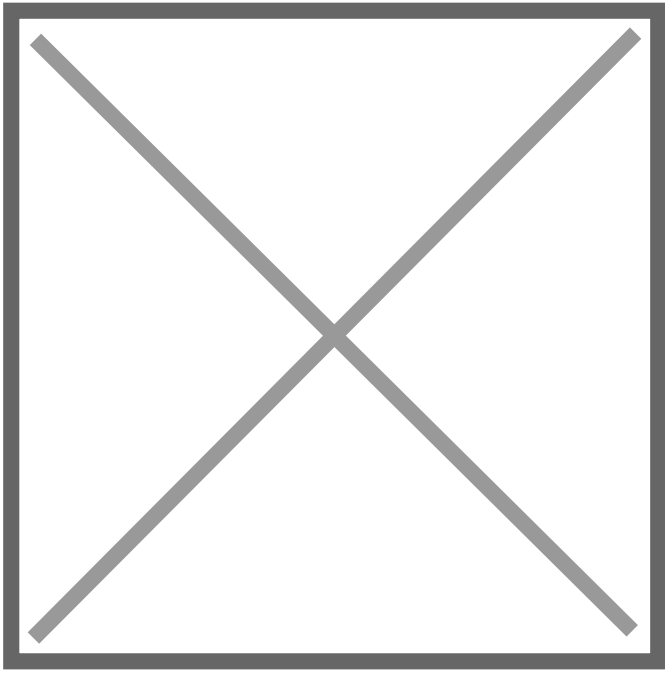# Session 9: Two-digit multiplications

Session Title	Two-digit multiplications
Objective	Students will be able to multiply two-digit
Concept	To understand how to multiply two-digit nu
Material Required	1. Board and chalk 2. Paper and pencils 3. Multiplication worksheets. 4. Chart paper for group work 5. Digital timer (optional) 6. Two-Digit Multiplication worksheet
Methodology	Learning through activity.
Session Duration	90 Minutes

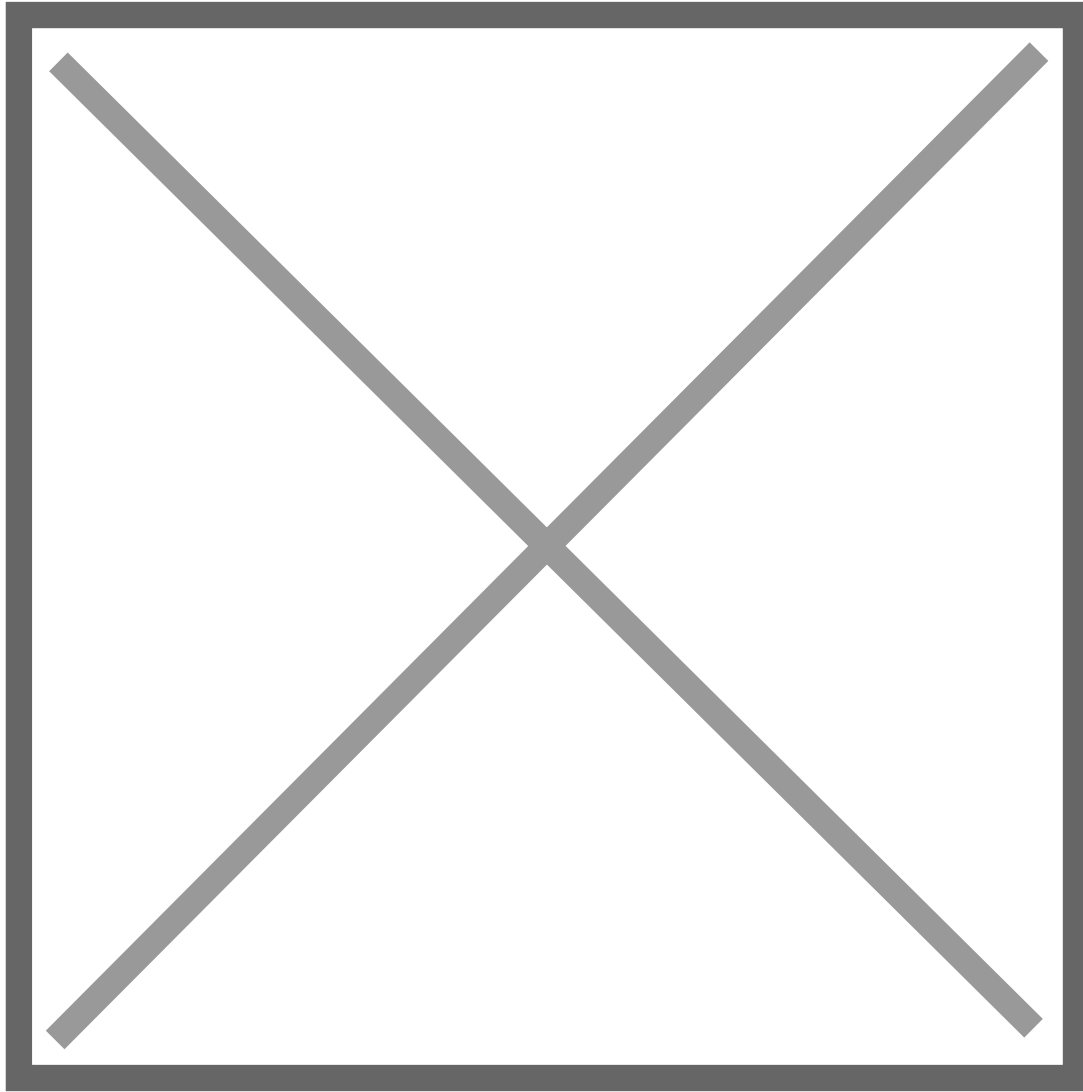# Introduction Activity (20 minutes)

Direct Instruction:

- Introduce the concept of two-digit multiplication by explaining that we are multiplying numbers that are greater than 9.
- Write a simple two-digit multiplication problem on the board (e.g., 24 × 13).
- Break down the multiplication into smaller, manageable steps. For example:
- Multiply the ones digit (4 × 3 = 12, carry the 1).
- Multiply the tens digit (20 × 3 = 60).
- Repeat with the tens digit of the second number (4 × 10 = 40).
- Add all the partial products together.

Main Activity (65 minutes)

Multiplication Relay Race (30 minutes)

- Divide students into small groups (3-4 students per group). Each group will work together on a set of two-digit multiplication problems in a relay-style format.
- One student starts the relay by solving the first part of a multiplication problem (e.g., multiplying the ones place).
- The next student solves the next part (e.g., multiplying the tens place).
- The final student solves the last step (adding the partial products together).
- After each step, students pass the "math baton" (e.g., a pencil or a marker) to the next teammate.

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Independent Practice (20 minutes)

Provide each student with a worksheet containing a set of two-digit multiplication problems. Encourage them to try the traditional method of multiplication.

1. 41×12
2. 63×8
3. 57×16
4. 16×11

Review Questions (15 minutes)

- Ask students to share one strategy that helped them solve the multiplication problems today. This reinforces learning and allows students to help one another.

- Review key concepts from the lesson.

Follow up Tasks(5 minutes)

1. 23×12
2. 50×8
3. 16×76

Expected Learning Outcome:

Knowledge building:

- Understand the concept how multiplying two-digit numbers.

Skill Building:

- Self awareness
- Self management
- Social awareness
- Critical thinking
- Relationship skills

Resources

https://drive.google.com/file/d/1PMM-wWqAZrR5Zl4FCGflSkPIZVmno2yI/view?usp=drivesdk

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