

Session 7: Introduction of multiplication

1.

Session Title	Introduction to multiplication
Objective	To understand the concept of multiplication
Topic	Multiplication
Materials Required	1. Board and chalk 2. Paper and pencil 3. Activity sheets
Methodology	Activity-based learning
Session Duration	90 Minutes

Introduction Activity (30 minutes)

Quick review of addition. Write a few addition problems on the board and ask students to solve them individually. (eg. $3+3$, $4+4$)

Introduction to multiplication

- Direct instruction- Explain that multiplication is a way to add the same number multiple times.
- Show an example on the board: $3+3+3+3$ is 4 times 3 added that we can write it as $4 \times 3 = 12$

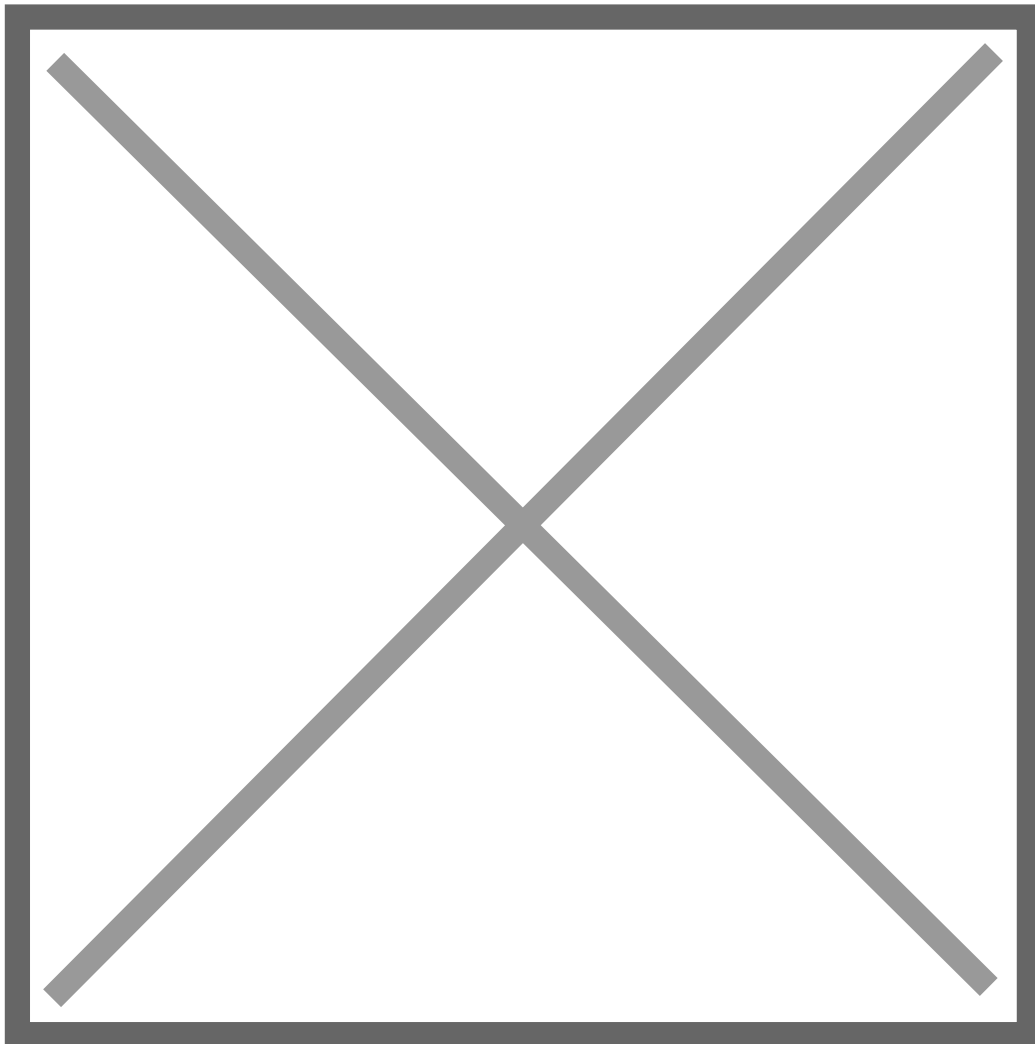
Visual representation:

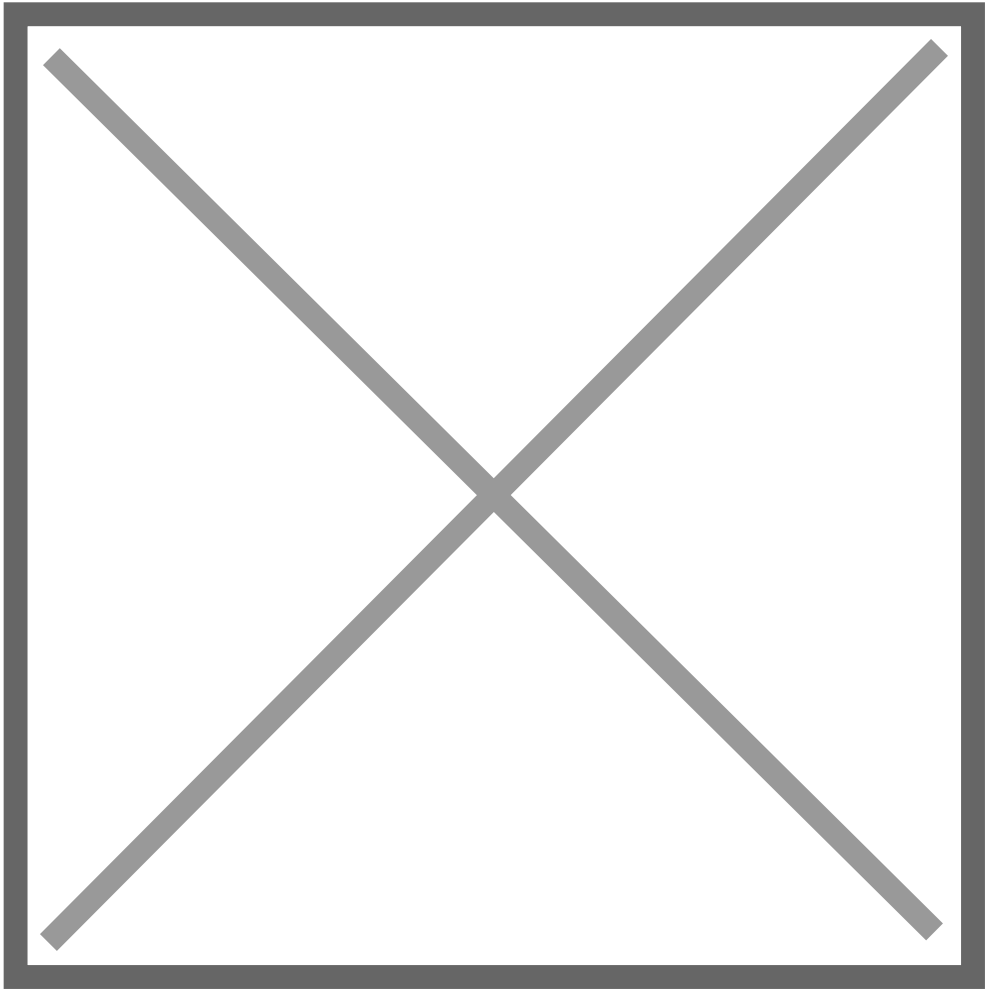
- Use counters to demonstrate the groups. arrange 3 groups of 4 counters visually and then write multiplication sentence on the board.

- Show how to create an array (3 rows of 4 counters) and discuss its connection to multiplication.

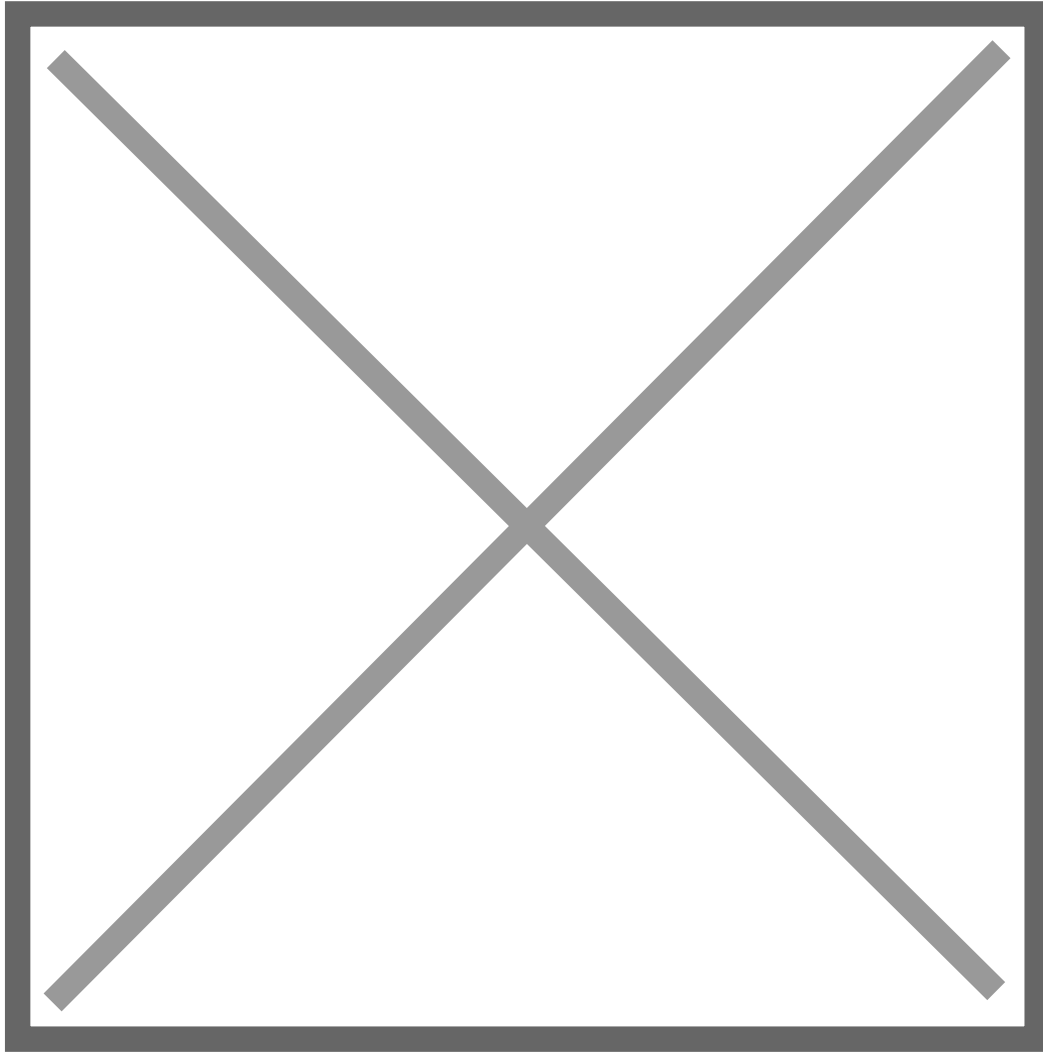
Main Activity (50minutes)

- Divide students into small groups
- Give an activity sheet for each group and solve it (40 minutes)





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Review Questions(10 minutes)

- Encourage them to summarize the main points of the lesson. Reinforcement between addition and multiplication.
- Encourage students to think of multiplication as “quick addition” and discuss where they see multiplication in real life.

Follow-up Tasks(10 minutes)

1. If i have 2 boxes of 5 pencils, how many pencils do i have in total?
2. A bookshelf has 3 rows of 4 books. How many books are on the shelf?

Expected Learning Outcome:

Knowledge building:

- They understand what multiplication is

Skill Building:

- Critical thinking
- Problem solving
- Cooperation

Resources

Click here for abc

<https://drive.google.com/file/d/1lv8PZT7e9CttKhq3rSxewt94rGnnJzo2/view?usp=drivesdk>

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