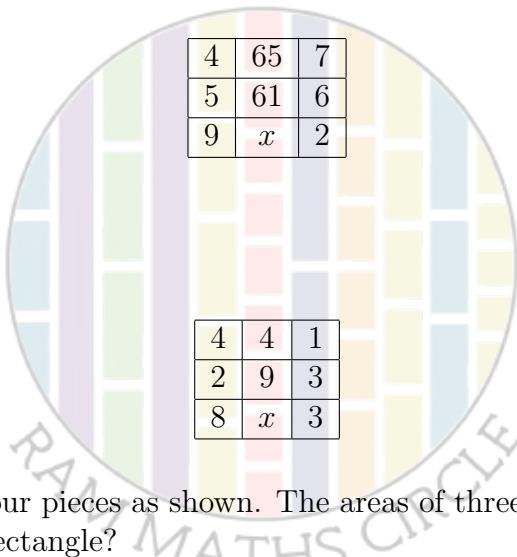


# RAM Maths Circle

Date: December 6, 2025  
Swami Vivekanand School, Dombivli

In this session, the mentors discussed following puzzles and problems with the students.

1. Find the value of  $x$ .



2. Find the value of  $x$ .

6	10
9	

3. A rectangle is cut into four pieces as shown. The areas of three of them are given. What is the total area of the rectangle?

4. When a group of five friends met up, Shreya shook hands with one person; Sanskruti shook hands with two people; Satyam shook hands with three people; Veda shook hands with four people. How many people did Ayush shake hands with?