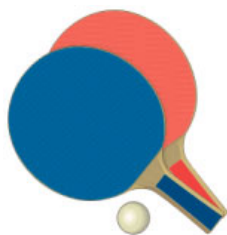# Table tennis

**This task is about finding all possible combinations.**

## Questions/instructions

6 teams play in a table tennis competition. Each team plays each of the other teams once.



What is the total number of games played in the competition? _____

Show how you worked that out: