

1 Find the HCF (66, 143) and the LCM (66,143):

2 Find the HCF (35, 98) and the LCM (35,98):

Fred, Imran and Sabina play a game of badminton. Every player plays every other player in a home match and an away match. How many games do they play and what are the combinations of the games that they play:

Fred v Imran Imran v Fred

Fred v Sabina Sabina v Fred

So altogether, they will play 6 games

Imran v Sabina Sabina v Imran

3a Alex, Beatrice, Charlene and Danish take part in a competition of chess. Each player plays in a home match and an away match. List the matches that they play and so find the number of matches that need to take place for the competition to be complete.

3b At the end of the competition, one of them will be in first place, one will be in second, one will be in third and one will be in fourth place.

Use the table below to list all the possible outcomes of the competition:

First	Second	Third	Fourth