



Before the start of the game, the ten starting players shake hands with one another as a gesture of good sportsmanship.

How many handshakes will take place?



There will be a singles tennis match later in the week. Ten players have signed up to compete. Players will play a match against all other players. How many matches will be played?



How many diagonals
does a decagon
have?



Before the meeting, all attendees shook hands. I noticed that everyone shook hands with every other participant and that there were 45 handshakes! What a friendly committee! How many people attended this committee meeting?