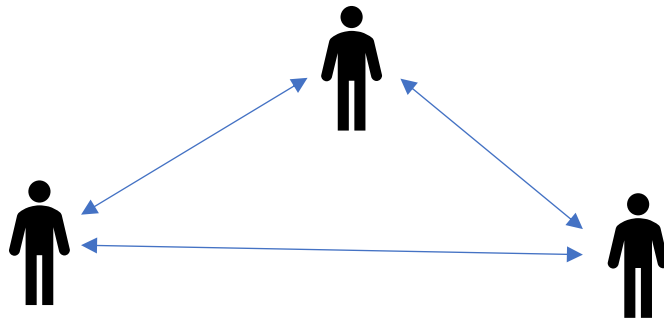


# Handshakes

If two people meet and shake hands, then exactly one handshake takes place.

If three people meet and they all shake hands with each other then three handshakes take place.



How many handshakes would take place altogether if four people all shook each other's hand once?

What about if ten people met and all shook hands with each other?  
How many handshakes would there be?

Can you find a formula linking the number of people with the number of handshakes?

How many handshakes would take place if there were 100 people?

