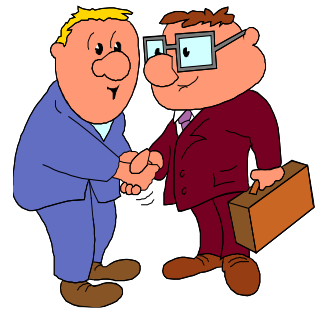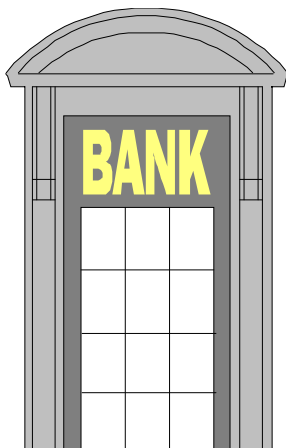The Board of Directors of The Highland Bank are having a meeting. It is customary for members of the Board to greet each other with a handshake before the meeting begins. Of course, the handshakes are only virtual as they are having a WhatsApp meeting!

If there are two people at the meeting, there will be only one virtual handshake.

How many virtual handshakes are there if there are 3, 4, 5... people at the meeting?

There are 20 members on the Board of Directors. How many virtual handshakes would there be if all of the members are present at the meeting?

Think About

Is there an easy way to work out the number of virtual handshakes for a large number of people? *(for example 100!)*