Excercise 4
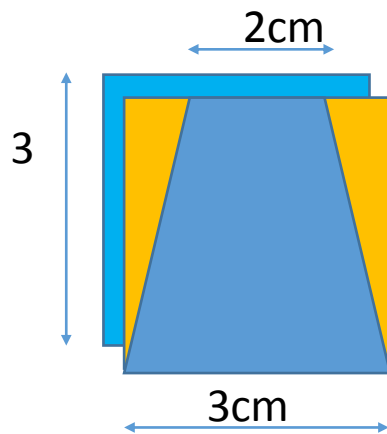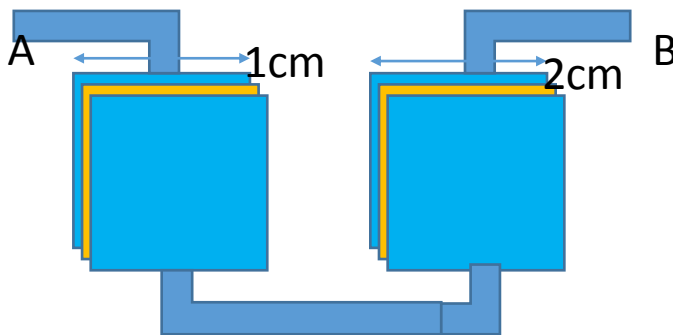
1. Find the value for the screen printed capacitor below. The permittivity of used dielectric is 3.5 and thickness of dielectric is 3 µm.

2. You print circuit below by using a screen printer.
   a) Draw the circuit diagram of the circuit
   b) Find the capacitance between the points A and B if the permittivity of used dielectric is 2.9 and thickness of dielectric is 6 µm.

3. You use silver ink to print a wire drawn below. The resistivity of ink is 10µΩcm and thickness of wire is 1µm. Calculate the resistance of this wire.