Hello, here we have a circuit with resistors and an inductor, so it is a RL circuit. We have two pairs and they are acting like a coil. We are measuring the voltage across them, we also need to note we have the current here going through it and our supply here AC source, 200 volts and 50 hertz. Hope this helps to see how we can compare to our answers done on the calculations.

Thank you for listening.