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# Jigsaw Ch 32 – Version B

Answers can be found by reading ch 32 sections 3, 6, or notebook

- 1) What does Coulomb's Law say? What is the formula?
- 2) Which formula is Coulomb's Law extremely similar to? List all the corresponding pairs of variables.
- 3) How are the two laws different?
- 4) What is the electrical proportionality constant (with units)? What would it look like to put it in the calculator?
- 5) If an electron at a certain distance from a charged particle is attracted with a certain force, how will the force compare at twice this distance?
- 6) What is the fundamental rule at the base of all electrical phenomena?
- 7) What is the difference between a good conductor and a good insulator?
- 8) How is sliding across a seat in an automobile an example of static electricity?