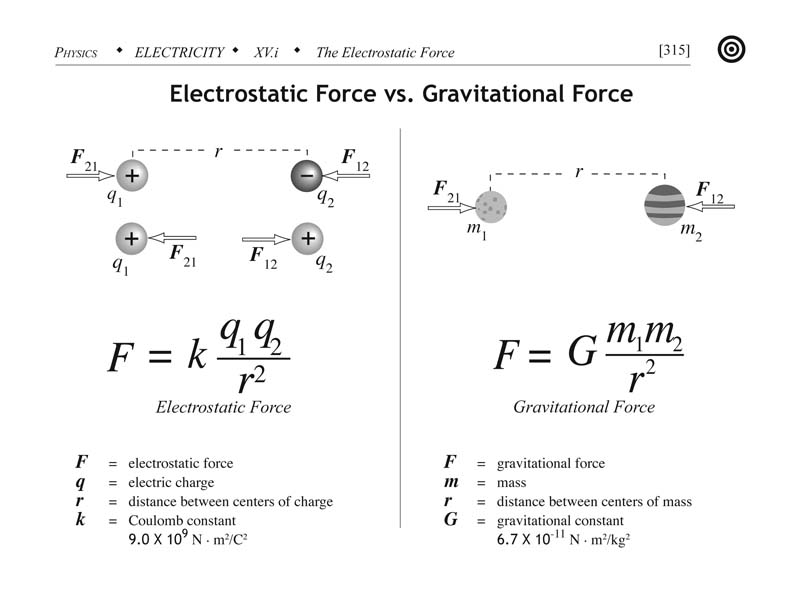
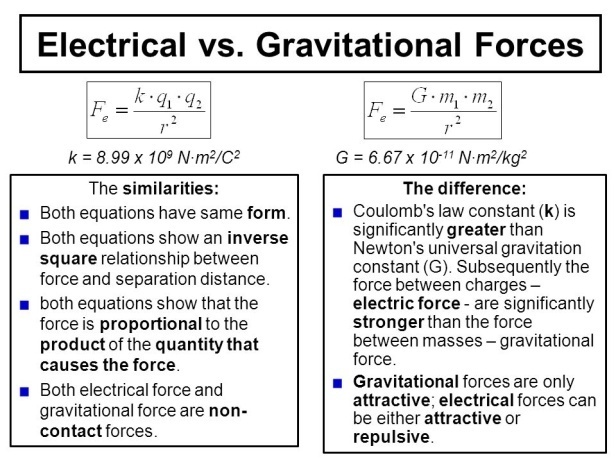
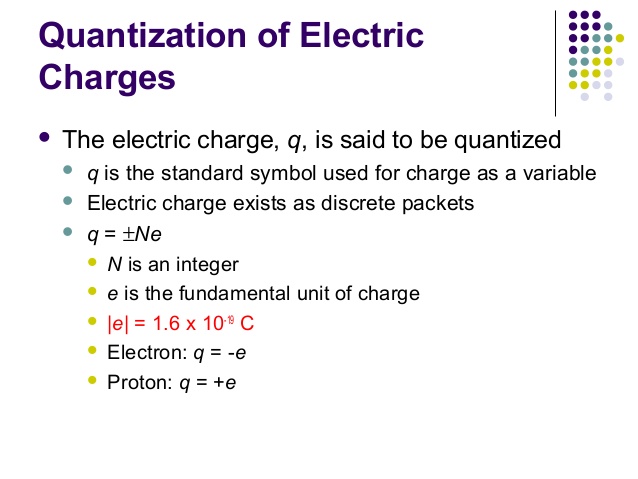
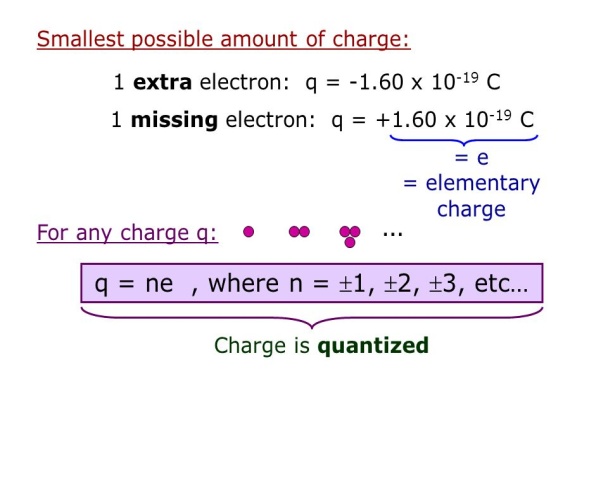
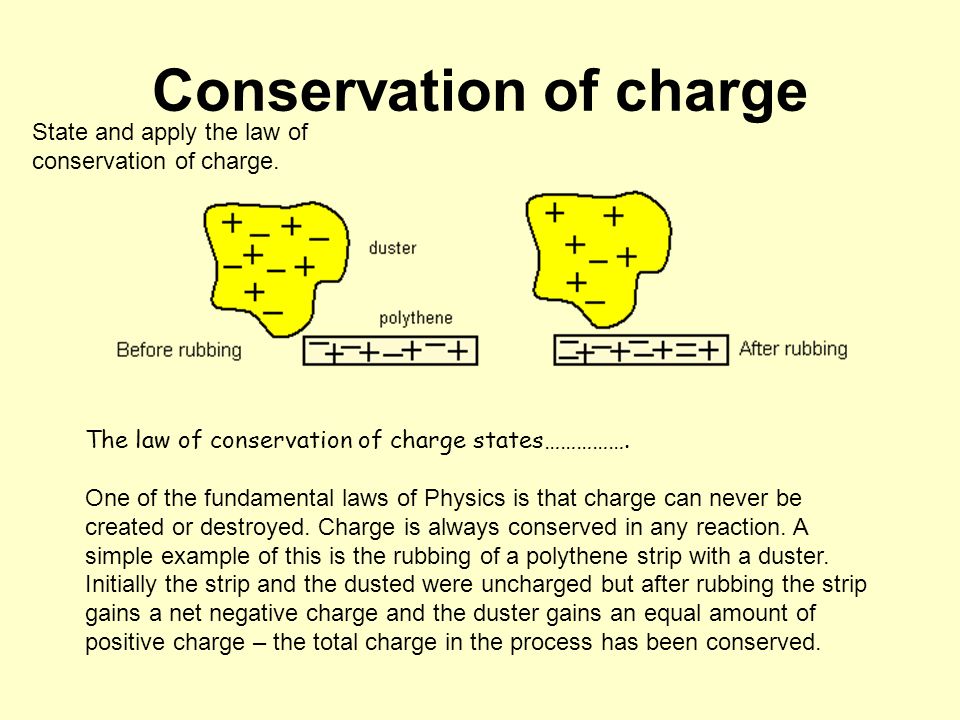
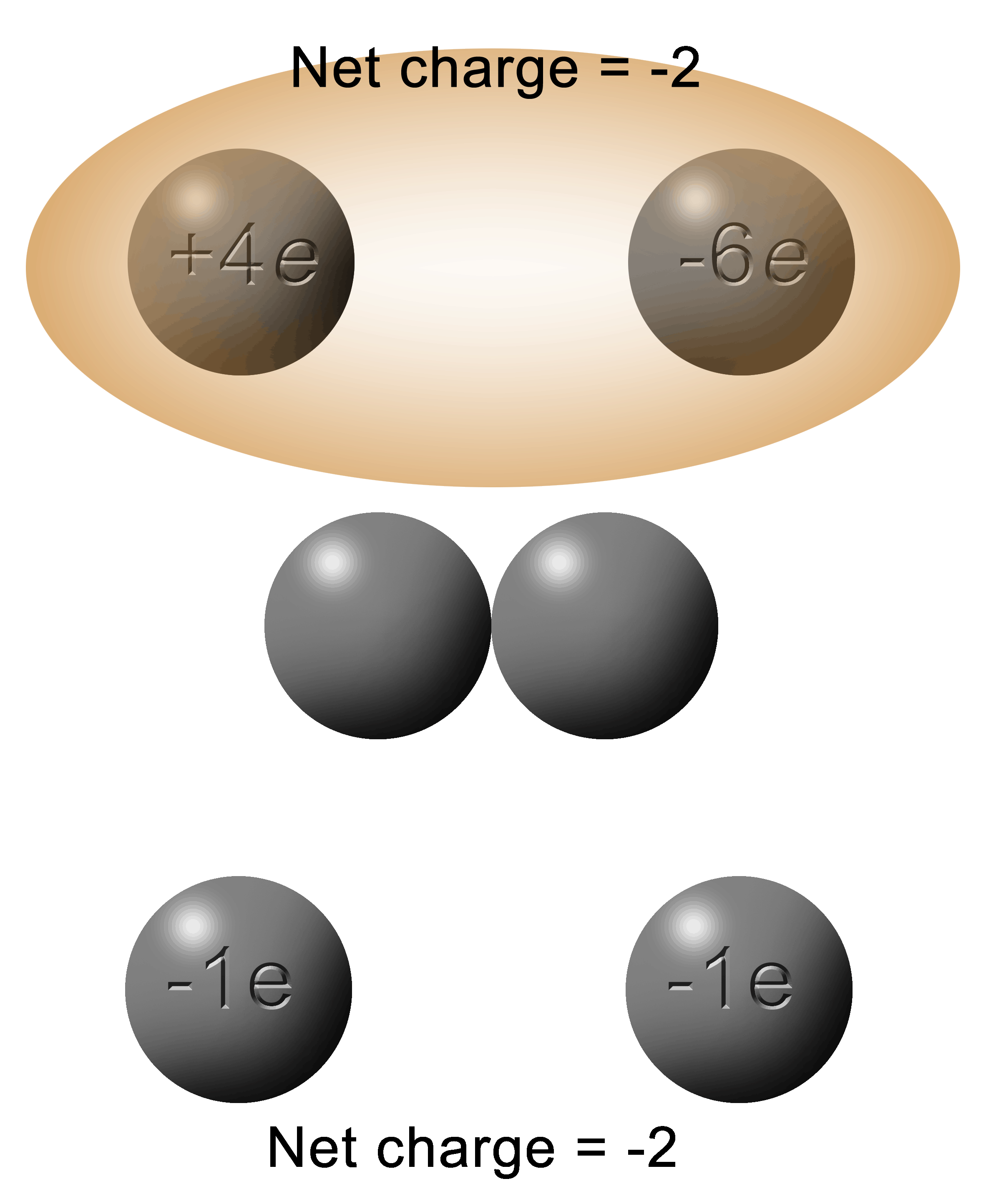
**Unit 7 TEST (Study Guide)**

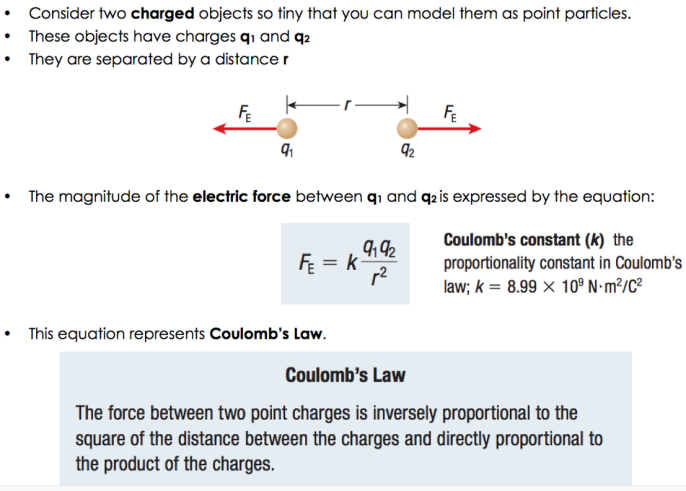
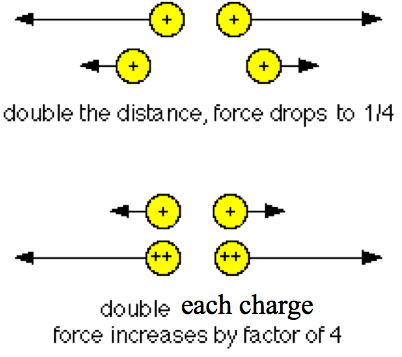
1. Understand the difference between Electrostatic vs. Gravitational Forces:  
2. Charge is Quantized, n must always be an integer never a decimal.

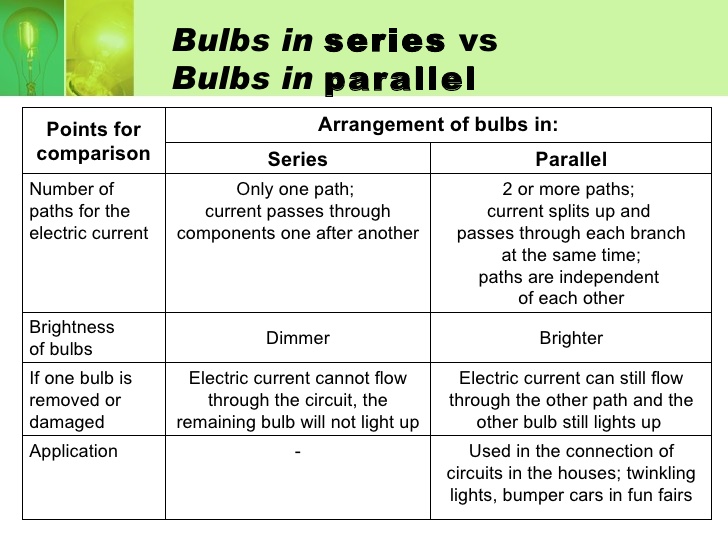
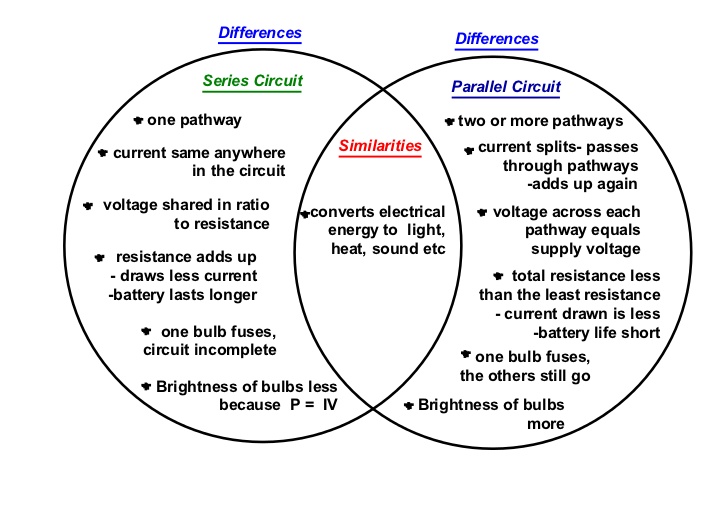
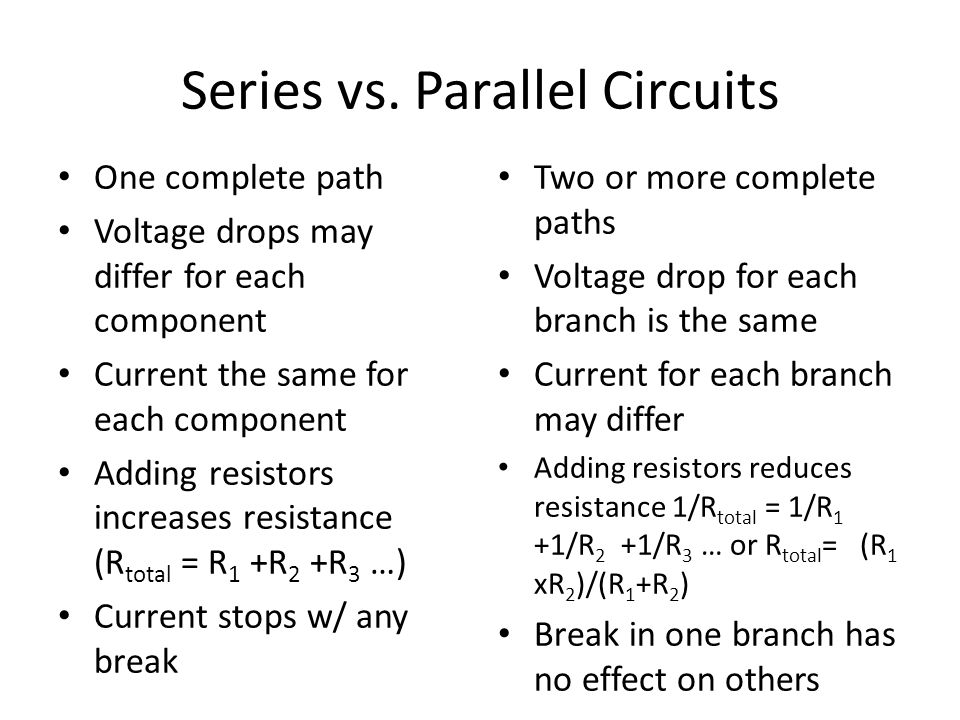
1. Conservation of Charge:

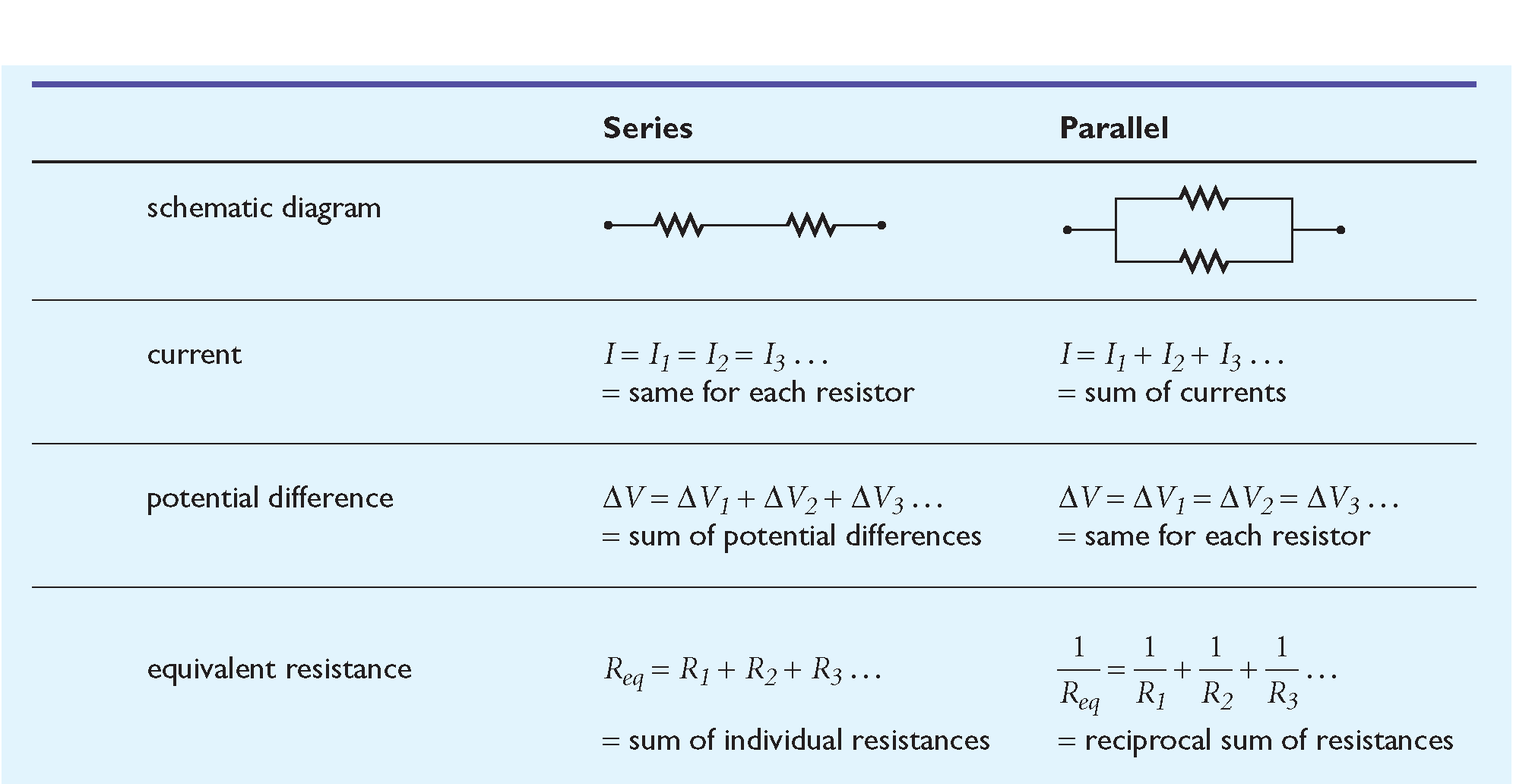
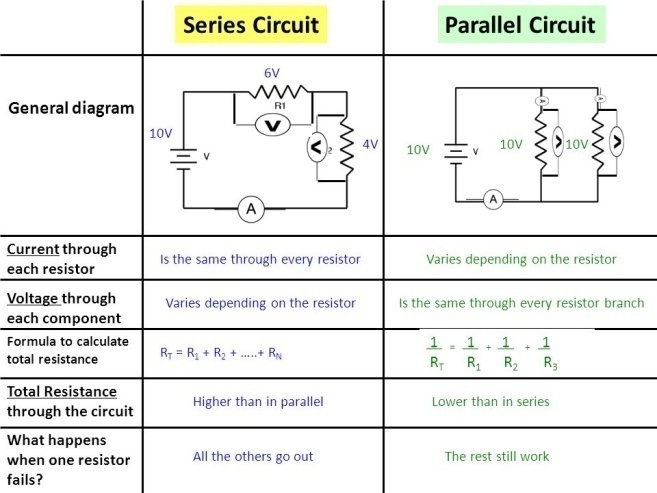
1. Coulomb’s Law:

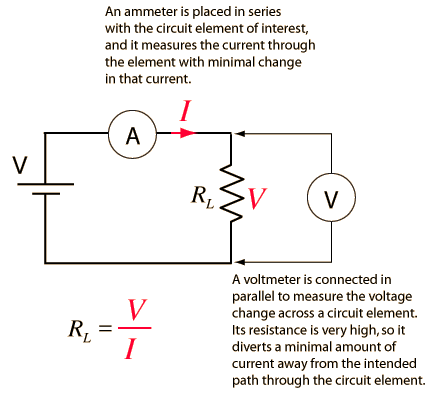
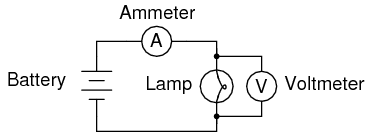
1. Understand the difference between series and parallel circuits:

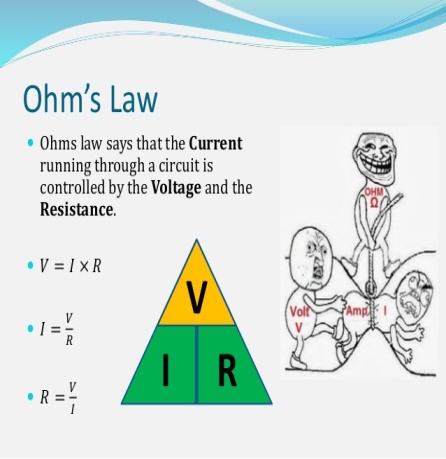
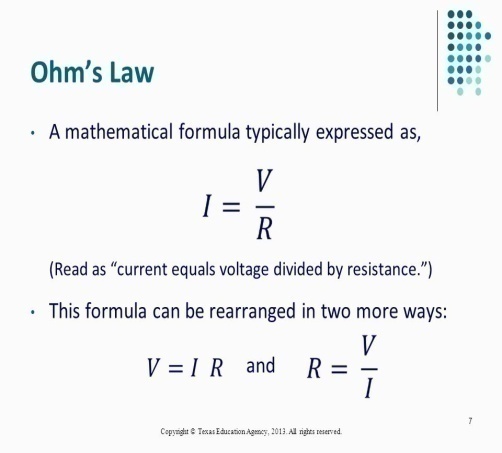
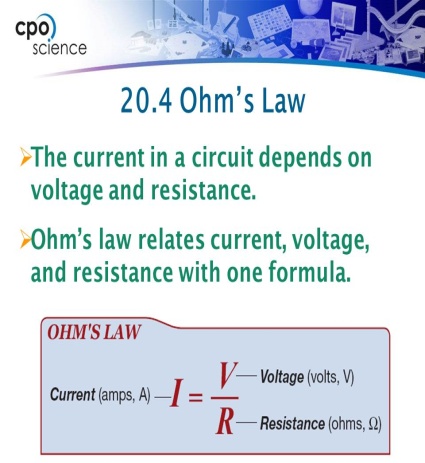
1. Series vs Parallel formulas: \*\*\***MOST IMPORTANT**\*\*\*

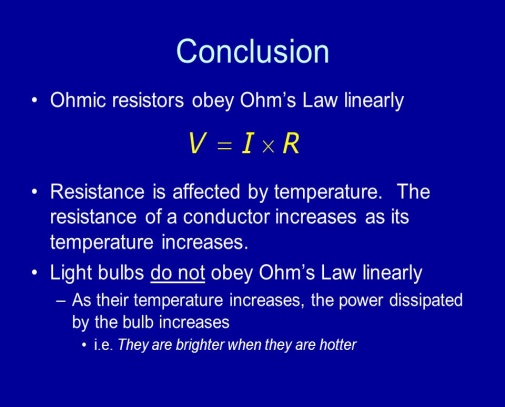
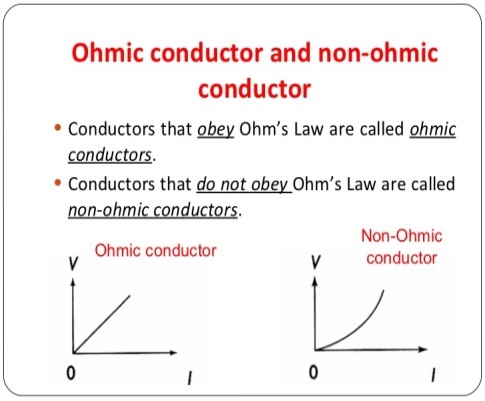
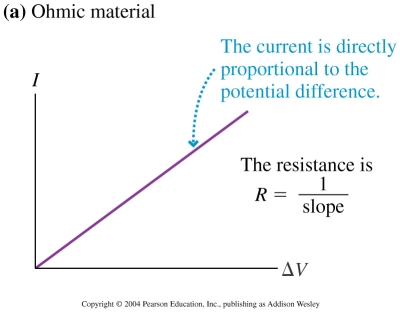
1. Ammeter vs Voltmeter:

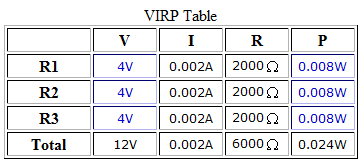
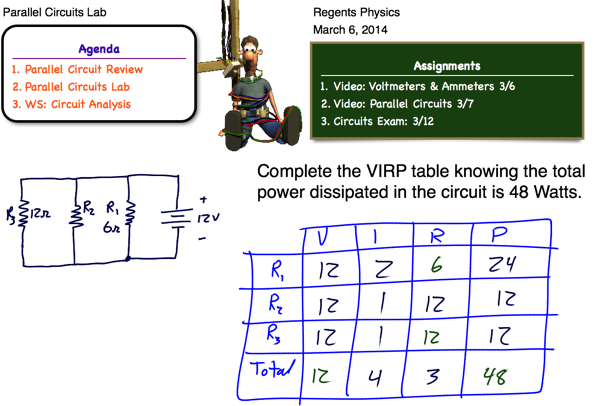
1. Understand Ohm’s Law:

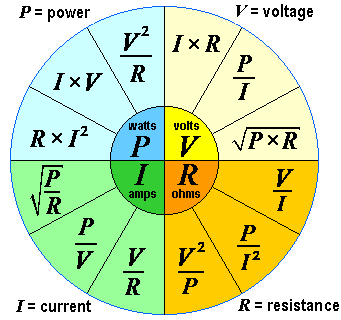
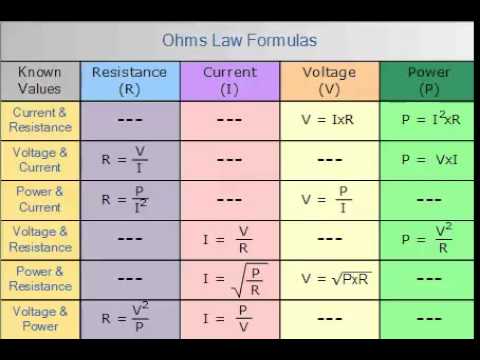
1. Understand Ohmic Resistors, also understand how to linearize a graph check last picture.

1. Understand what is going on in this chart in details (what type of circuit is graph 1 ?):

1. Understand the relationship between Voltage, Current, Resistance & Power:

1. Power and its relationship with Brightness (More Power => More Brightness):

