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Prof. Lawrence

ET-501

**Lab 2 – Equations, Tables, Graphs, and WordArt**

Part 1

Ohm’s Law

*P = ELIL*  3 - Power

*RT = R1 +R2 + R3 + … + RN*  Resistors in Series

*=   + + + … +* Resistors in Parallel

RT =  2-Resistors in Parallel

**Part 2**

|  |  |  |
| --- | --- | --- |
| PRICE | PRODUCT1 | PRODUCT2 |
| 100 | 1500 | 9000 |
| 200 | 2000 | 8000 |
| 300 | 2500 | 7000 |
| 400 | 3000 | 6000 |
| 500 | 3500 | 5000 |

**Part 3**

**Part 4**

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**Part 5**

**Part 7**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Category | Qty | Image | Description | Cost |
| Anker PowerCore + | Charger | 1 |  | Portable charger. Can charge just about every smartphone available today. | $11 |
| Nikon – D750  DSLR Camera | DSLR Camera | 1 |  | Take sharp photographs and record high definition video footage. | $1,999.99 |
| Apple MacBook pro | Laptop | 1 |  | Light, powerful, thin, high performance technology computer. |  |
| Microsoft Xbox one | Gaming console | 1 |  | Created by Microsoft. Games, entertainment, and TV all in one console. | $349 |
| Sony Ps4 | Gaming Console | 1 |  | Created by Sony. Sony’s game console and can stream content from Netflix and others. | $350 |
| Beats Powerbeats 2 | Earbuds | 1 |  | Wireless earbuds, sweat and water resistance, and bass-heavy sound. | $145 |
| Amazon Fire Tv | Entertainment | 1 |  | Powerful internals, 4k video support, expandable memory, and can stream content. | $100 |
| Apple Watch | Watch | 1 |  | Smartwatch. Lightweight and fast performance and can connect to your smartphone device. | $349 |
| Go Pro HERO4 | Action Camera | 1 |  | Capture 4K video at 30fps, slow motion footage at up to 240fps, and 12MP still images at a rate of 30 shots per second. | $430 |

**Part 6**