Yashkumar Shah

Lab 2:

Part 1:

Ohm’s Law

Part:2

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

Part 3

Part 4

**YASHKUMAR SHAH**

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Part 5

Part 6

Part 7

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Item** | **Category** | **Image** | **Description** | **Cost** | |
| [Motorola LI4278 Barcode Scanner LI4278-TRBU0100ZLR](https://www.google.com/shopping/product/1809380191188745543?q=technology+products+and+description&espv=2&biw=1920&bih=974&bav=on.2,or.r_cp.&bvm=bv.135258522,d.cWw&tch=1&ech=1&psi=Iwb5V42IM8Tr-AHqtbXwBg.1475937827992.3&prds=paur:ClkAsKraX0qOOdHT-tvpu84ywUYLAxNgyzLpf0szmXQymzyoC8ubz2ZXgUoRZvbv_oAbdsqNfWi316_W9BDTJ1dc1UWdFHzSE95Ul5t1nkItRX_xE9CLY9-0BhIZAFPVH72yFfhTp3g3iMrq4abFXd2KErVg2Q&sa=X&ved=0ahUKEwiOkOrwuMvPAhXDQD4KHf0nBe0Q8wIIswQwCQ) | Camera/  scanner | https://encrypted-tbn3.gstatic.com/shopping?q=tbn:ANd9GcSLxNK4ZUzkL_n0T3WwoA3KFZBJOHJP5LZuAaNalYSHKT7WNZKt&usqp=CAY | The LI4278 takes 1D bar code scanning to the next level, allowing workers to scan faster and farther as they can capture virtually any 1D bar code. Built for all day and everyday use, the LI4278 offers cordless freedom with Bluetooth compatibility. | $313 |
| Finger Tec AC100C Fingerprint - Kit | Security  system | https://encrypted-tbn0.gstatic.com/shopping?q=tbn:ANd9GcTBsn79xQm0aZEdUDL_2CWntVZ8FiA99bLo_aUlY7yfNDcTa_v8jwQoUbq1lb_ATSdeLRYlS0eQ&usqp=CAY | Fingertec Biometric Time and Attendance System of the Future, AC100C is a full color system that incorporates fingerprint verification technology to produce precise clocking times storing up to 3,000 fingerprint templates. It includes TCMS V2 FingerTec Solution Powerhouse Software. | $389 |
| VTech ErisStation Cordless Conference Phone - Black | Phone | https://encrypted-tbn3.gstatic.com/shopping?q=tbn:ANd9GcSvsJIqfgq0WmCki2a26B8Z44zfgp-OGNRhQeawGZCcWRWP3kk5eSDeL3cohgpACo51V5WXPIc&usqp=CAY | With the VTech ErisStation VCS704 conference speakerphone, everyone can get in on the conversation - whether they're at the conference table or not. It comes with four, removable DECT 6.0 microphones featuring Orbit link Wireless technology. | $294 |
| Epson PowerLite 1771W Portable WXGA - HD LCD Projector - 3000 lumensWi-Fi | projector | https://encrypted-tbn2.gstatic.com/shopping?q=tbn:ANd9GcQxtguGwoIbXPRNM08KGTns-yNNxkDYzrUpVNgvsKOWaaV5uWfBAiLsd4C8Y4V95jgz7aA9-wk&usqp=CAY | The Epson PowerLite 1771W sets a high standard for widescreen projectors with its ultra sleek design and energy-efficient lamp. It delivers value, convenience and performance. Engineered for brilliant, big-screen presentations, the PowerLite 1771W features native WXGA (1280 x 800) resolution a must-have for delivering HD video content. Couple that with 3000 lumens color light output and 3000 lumens white light output, and the results are truly amazing. Weighing just 3.7 lbs. and just 1.7" tall, the PowerLite 1771W is ready to travel when you are. Connecting is simple, on a Mac or PC, with USB plug 'n play instant setup. Take advantage of wireless 802.11 b/g/n LAN card capabilities and easy wireless pairing with the optional quick connect wireless USB key. Use a USB memory device and deliver your presentation PC-free or connect via HDMI. Automatic vertical keystone correction makes setup easy. The PowerLite 1771W is also equipped with a long life lamp that lasts up to 4000 hours. So you get amazing performance, ease of use and brilliant output all from one ultra-thin projector. « less | $700 |
| 3M Gel Wrist Rest WR340LE - Keyboard/mouse wrist rest | Keyboard | https://encrypted-tbn2.gstatic.com/shopping?q=tbn:ANd9GcQ3tG9x4BDsNQK9dhEX_SlF193-rLPvXrnf47kNGoXrouBRUsUp&usqp=CAY | This 3M Gel Wrist Rest, extra long for keyboard and mouse, features antimicrobial product protection and leatherette. | $17 |
| Ridgid 31028 RP 210-B Compact Cordless Press Tool Kit with ProPress Jaw Kit (1/2 Power Tools Pressing Tools Press Tool Kits | Tool kit | https://encrypted-tbn3.gstatic.com/shopping?q=tbn:ANd9GcTI221Vt1eMsFXXwtv4maIhhHVedyrY__lv1B7neQRiccYn2COzrVEZdbheYwxV869ywg92KHQ&usqp=CAY | Ridgid 31028 RP 210-B Compact Cordless Press Tool Kit with ProPress Jaw Kit (1/2 RP 210-B Compact Cordless Press Tool Kit with ProPress Jaw Kit (1/2" - 1-1/4") Say "hello" to your little friend! RIDGID introduces the ultimate in press tool technology: the RP 210-B. For a fast and reliable way to join copper, stainless steel and PEX, the new RP 210-B has more capacity than any compact press tool on the market. This model is 2 inches shorter and 25% lighter than our previous compact tool and features the longest service interval available (32,000 cycles), an improved swiveling barrel and a powerful 18V Lithium-Ion battery. Now you can do more… with less! Features: 270 degree Barrel/Jaw Swivel Capacity: 1/2" - 1 1/4" (Copper & Stainless Steel), 3/8" - 11/2" (PEX) Hydraulic Ram Output: 5,400 lbs. (24kN) Battery Charger: 115V Battery: 18V Li-Ion 1.1Ah Compatible with all RIDGID Compact Series Pressing Attachments Kit Includes: RP 210-B Press Tool (2) 1.1 Ah Batteries Li-Ion Battery Charger Carrying Case Press Tool Kits N/A | $2,009 |
| Innovative Technology ITVS-750 Record/CD/Cassette Turntable | Music System | https://encrypted-tbn0.gstatic.com/shopping?q=tbn:ANd9GcSZAym7xkpIv1o85_CvdDm8b4j8rxgDZSGMFcxWARuyAiC-7zDL&usqp=CAY | An oldie but a goodie-with some cool modern touches. Turn back time with this aviator-style wooden cabinet that features a turntable, CD player/recorder, cassette player, AM/FM radio, and an external audio input. This golden oldie offers retro details, such as an old-style tuner, volume dual knobs, and a large rotary radio dial, but it also features the modern technology needed to enjoy current trends. Listen to music throughout the decades with this classic piece of equipment. | $200 |
| [Wacom Cintiq 13HD Graphics Tablet - 11.8" x 6.7" LCD - USB - PC/Mac](https://www.google.com/aclk?sa=l&ai=DChcSEwinxJuuwMvPAhXrve0KHVbOBAgYABAH&sig=AOD64_1KTFBET2aAa8wpWlfnhLXa30Atjg&adurl=&ctype=5&q=&ved=0ahUKEwjr6JauwMvPAhVEHx4KHZ4ABpgQwzwIBA) | Tablet | https://encrypted-tbn3.gstatic.com/shopping?q=tbn:ANd9GcReE2zSBxs0rgy_knR57J9hae6Zc6U-fjYdxMVMIqEgE9mVQ57hhfxxg2FuaUAuI2hYMsXY3e2-&usqp=CAE | The compact size and adjustable stand let you position the display in a variety of ergonomic positions. Use it flat on your desktop, hold it in your lap like a sketchbook, or attach it to the adjustable stand for 3-different working angles. The wide viewing angle (178°) and the ability to render 16.7 million colors assure that your creative work will look great in any working position. Feel the difference with our powerful new Pro Pen. With 2048 levels of pen pressure sensitivity, pen tilt recognition, and a comfortable, ergonomic design, it gives you more precise, natural control than ever. Four customizable ExpressKeys and a Rocker Ring provide quick access to your favorite shortcuts and modifiers. The reversible design adjusts for either a right-handed or left-handed users. The Cintiq 13HD Pro Pen comes with its own carrying case with storage for extra nibs and color rings that help you easily personalize and identify your pen. Also, it includes a streamlined, 3-in-1 cable that helps reduce cable clutter and makes the setup to any Mac or PC a snap. | $800 |
| [Verbatim Store 'n' Go 4 GB Flash Drive - USB 2.0 - Pack of 3](https://www.google.com/aclk?sa=l&ai=DChcSEwiytrmfwMvPAhUGg34KHWikCK8YABAv&sig=AOD64_1Iym701sb9nPPTjrHSCESMetkdsQ&adurl=&ctype=5&q=&ved=0ahUKEwjE1rSfwMvPAhXLqB4KHReLAL04oAEQwzwI8AE) | Flash drive | https://encrypted-tbn3.gstatic.com/shopping?q=tbn:ANd9GcS7Ga-1nsTFOsg6zGUjJ4NTRtxIYmlM8Hk3OvPNsG0kN13ZVj9Nbrd8lHHYcH2D13UHYVx8M_8&usqp=CAE | A Verbatim classic, the Store 'n' Go USB drives offer a convenient cap-less design and a reliable name you've come to trust. The Store 'n' Go gives you the ability to capture all your data in one small, convenient location and move that information with you throughout the day. The retractable housing easily slides in and out - no cap to lose. Available in a 3 color assortment - Green, Blue & Red. | $15.75 |
| [Symbol DS9808 - Barcode scanner - handheld - 100 inch / sec](https://www.google.com/aclk?sa=l&ai=DChcSEwjRyMumwsvPAhXjhNsKHYLBB-MYABAv&sig=AOD64_0o5nPlYt10V0OAyG47aSaBskpgrA&adurl=&ctype=5&q=&ved=0ahUKEwjx88amwsvPAhWPuB4KHUHHBbc4tAEQwzwIkAI) | scanner | https://encrypted-tbn1.gstatic.com/shopping?q=tbn:ANd9GcS4v6MR6DxAAloSraM2of6YuKp0DAFJTSH4EYrczHN10M-3ZAnt&usqp=CAE | Achieve a new level of productivity and throughput at the checkout stand - with the DS9808. Designed to deliver a new level of versatility, functionality and performance, the DS9808 features a one-of-a-kind hybrid form factor that provides superior comfort and ease of use in both handheld and hands-free scanning modes. Inside, it offers the latest scanning technology, delivering record swipe speeds for 1D and 2D bar codes, as well as the ability to capture images and signatures. Available in standard and long range models, the hands-free decode range on both can be adjusted to meet your needs, for example, to match EAS deactivation range or prevent inadvertent scanning of items nearby. | $354 |