

AP Physics B Summer Algebra Review Packet

Rationale: There is a lot of algebra skills and some trig skills necessary in this course. This packet will help make the most difficult physics problems easier to attack because your math skills are sharp, that way we can focus on the physics behind the problem, not reminding you how to use the quadratic equation (for example).

Directions: All work must be shown for every problem (even the easiest) from each page on a separate sheet of paper. The only exception is page 5. When doing your work on the separate page, be sure to first copy the problem, then work it out neatly. (this is one of the skills the AP test Free Response graders like to see). Once you are finished with a page of problems, staple the work to that page. That way all the work for page 3 will be stapled to page 3, etc. Final answers should be circled and/or highlighted.

Again: start with page 1. On a separate sheet of paper, put your name. Copy problem #1 onto that separate sheet of paper. Work out problem #1 neatly. Circle/highlight your answer to #1. Go onto problem #2. Repeat. When you are finished with #20, staple all the work to worksheet page 1. Whew. Now go onto worksheet page 2.

Packets are due the first day of school with NO exceptions (or before!!) I suggest you do this packet right away and either put it away safely or drop it off into my mail box at school, or mail it to my house. Do not put this off until the night before school starts, you still have 2 chapters of Physics to do. Some of you will be able to complete this in 3 to 4 hours, others will take longer. That is ok. We have a wide variety of math skills coming into our class next year and I need everyone to have a baseline of being able to complete these typical problems.

Any questions should be directed to me as soon as possible.

Thanks.

-Mr. Purdy