Topics selected from classical mechanics, electrodynamics, waves, of matter. Use physics concepts and algebraic skills to solve real-life physics problems. Of things such as beepers and cell phones and/or hand held programmable calculators should be covered in this section. Sound and Electromagnetic Radiation. Physics problems for programmable calculators. Mechanics and. Calculus Without Tears: Berkeley Science Books Physics problems for programmable calculators. Mechanics and electromagnetism, J. Richard. Christman, David Halliday, Robert Resnick, 1981. Computers, Physics problems for programmable calculators: mechanics and. Differential equations are the language of physics and engineering. Problems in mechanics and electronics can be formulated and solved from the start. This program is infinitely superior to a programmable calculator, and it's free. Physics are Newton's mechanics, Maxwell's theory of electromagnetism, and Einstein's