

How to solve a physics problem?

1. Don't panic! It is not necessary that you realize right away how you are going to solve the problem. Following the next steps will enable you to solve the problem correctly.
2. Draw a simple picture.
3. Write down what you know.
4. Write down what you want to know.
5. Choose the correct equations, i.e. the equations that apply to the given situation.
6. Do the math.
7. Check your result:
 - (a) are the units correct?
 - (b) does the result make sense?