

Solving a Problem

One way of looking for the solution to a problem is	11
engineering. Engineering isn't one thing: it's a process. It's	20
made up of different parts and steps. In the beginning, you	31
figure out exactly what the idea in your head is. You talk	43
about it, write it down, make a picture. You imagine exactly	54
how you want things to be.	60
Then, you learn about your problem. Why are things not	70
the way they are in your head? What things about the	81
situation should you keep in mind as you're thinking about	91
how to solve it? Are other people looking for a solution to	103
this same problem? What have they done? What have they	113
learned that might be helpful to you?	120
The next step is to make a design. A design is a plan	133
that says how your possible solution is going to look and	144
work. You might have more than one design, and usually	154
there is more than one possible solution that could work for	165
your problem.	167