

### #3 - Defining a Problem

Name \_\_\_\_\_

Date \_\_\_\_\_

Before you begin ...

List one thing you know and one thing you want to know about understanding problems.



1. People who study how things work, and also design and build things are called \_\_\_\_\_
2. A person who designs and builds tools, engines and machines is \_\_\_\_\_
3. A person who uses computers to write programs is \_\_\_\_\_
4. A person who designs and constructs buildings, roads and bridges is \_\_\_\_\_
5. When trying to solve a problem, engineers follow a series of steps called \_\_\_\_\_
6. When an engineer wants to identify the problem, they typically \_\_\_\_\_
7. To get to the other side of the canyon, why is it not possible to cross the bridge? \_\_\_\_\_
8. The question "How do I fly across this very big canyon?" was called \_\_\_\_\_
9. A key to being a good engineer is defining the problem \_\_\_\_\_
10. An engineer asks a lot of questions to define a problem \_\_\_\_\_

List two things that you learned.

