Printable Video Worksheet - Engineering Design

Name _____

Date _____

Crash Course Kids

#3 - Defining a Problem

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.