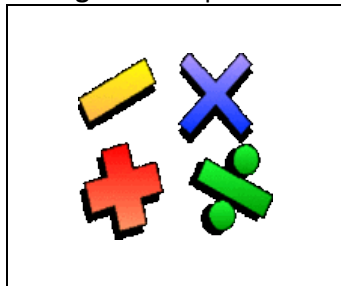


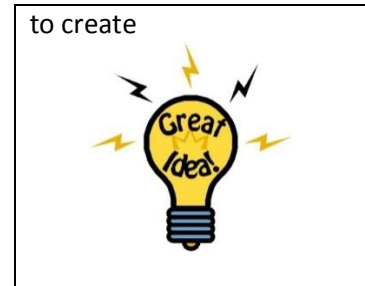
Tower Masters Research Worksheet (GrK-2) Answer Key

1. Define by cutting and pasting from the picture choices below:

An **engineer** is a person who uses:



+









to create

to solve a problem in the world.

A **civil engineer** is a person who designs all kinds of structures, including public works such as:



Choose from the following items to cut and paste answers to questions 1 and 2.

Research the problem		Imagine: Develop possible solutions		Improve: Redesign as needed
	Ignore: the problem		Create: Build a prototype	
Plan: Select a promising solution		Create: a hypothesis	Ask: Identify the need and constraints	Test and evaluate prototype

2. The **engineering design process** is a series of steps that guides engineers as they design and redesign structures and other inventions without wasting a lot of money, time and materials.

