

Name: _____ Date: _____

Modern Day Pyramids Worksheet

Simple Machine Matchings

Match the simple machine with its definition by putting the corresponding letter in the space. Then write at least one example of each simple machine.

Simple Machines	Letter	Examples
1. Lever	_____	_____
2. Inclined plane	_____	_____
3. Wedge	_____	_____
4. Screw	_____	_____
5. Wheel & axle	_____	_____
6. Pulley	_____	_____

Definitions

- A A ramp
- B A system that can change the direction of a force
- C Something that can split an object apart
- D Something that can hold things together or lift an object
- E Something that reduces the friction of moving something
- F Something that can increase or decrease the applied force



Engineering Design Process

Number 1 to 5 the order of the engineering design process. Then, write at least one example of each step of the process from when your team was designing.

Order	Examples
_____ Improve	_____
_____ Create	_____
_____ Brainstorm and design	_____
_____ Understand the need	_____
_____ Plan	_____