

Name: _____

Date: _____

Anatomy of a Wave Worksheet

Objective: Identify the parts of a wave and draw your own diagrams of waves.

Background: Many types of waves exist, including electromagnetic waves and mechanical waves. Waves move in different ways and have different properties.

Part 1

In the diagram below, identify the parts of a wave by using the provided definitions.

- # ___ = **crest** The highest point of the wave above the line of origin.
- # ___ = **trough** The lowest point of the wave below the line of origin.
- # ___ = **equilibrium** Signifies the original position of the medium.
- # ___ = **wavelength** The distance between two consecutive crests.
- # ___ = **amplitude** The distance from the line of origin to a crest or trough of a wave.

