

Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_

## Unit 5 - Energy Movement

### Activity 3 – Free & Fixed End Reflections – Student Data Sheet

1. Generate a pulse and observe each of the following as it travels down and back from a free end. Sketch and describe results in the table below.

	Before striking boundary	After striking boundary
Amplitude		
Speed		
Shape		

2. Generate a pulse and observe each of the following as it travels down and back from a fixed end. Sketch and describe results in the table below.

	<b>Before striking boundary</b>	<b>After striking boundary</b>
<b>Amplitude</b>		
<b>Speed</b>		
<b>Shape</b>		

3. Based on your data, what can you conclude about fixed and free end reflection?