Simple Waves

The film	demonstrated	each	of the	items	below.	For	each item:	

- (a) describe how the film demonstrated it, and
- (b) the conclusion(s) that can be drawn from the demonstration(s).
- 1. The speed of a pulse in different media.

2. The speed of identical pulses in the same medium.

3. The speed of different pulses in the same medium.

4. The speed of a pulse in a spring that has received an additional stretch.

5. The change in speed of a wave when passing from medium to another.

6.	The effect of different media on the length of a pulses.
7.	The change of a pulse's amplitude as it travels through a medium.
8.	The relationship between a pulse's amplitude and its speed.
9.	The amount of a wave's energy that is reflected in comparison to the amount that is refracted at the boundary between two media.