Name _____

GRAVITATIONAL WAVES

Read over the questions below and try to answer them after watching the two videos on the next slides.

1. Use the two columns labeled “I Notice” where you record observations from the video and “I Wonder” where you record additional questions that you have been pondering or that the video brought up.

I Notice	I Wonder

2. If spacetime is being stretched and compressed around us, wouldn’t we notice?

3. How can distortion in spacetime be measured when the measuring tape itself would be stretched as well?

4. If spacetime is really there, we should see gravitational waves (ripples in spacetime) when objects accelerate. Do we see gravitational waves?