

Physics 391
Lesson 1 Preflight

1. Describe in words what the propagation number of a wave is.
2. How is the propagation number mathematically related to wavelength?
3. Describe in words what the angular temporal frequency of a wave is.
4. How is the angular temporal frequency related to the temporal period?
5. In words, what is the phase velocity of a wave?
6. What is a wavefront?
7. What is the difference between a plane wave and a spherical wave? When are they similar?