**Waves Concepts to Review**

* Simple harmonic oscillations
* Time period
* Frequency
* Amplitude
* Displacement
* Phase difference
* Traveling waves
* Wavelength
* Wave speed
* Transverse waves
* Longitudinal waves
* Electromagnetic waves
* Sound waves
* Polarization
* Intensity
* Reflection
* Refraction
* Snell’s Law
* Critical angle
* Total internal reflection
* Diffraction
* Path difference
* Single-slit diffraction
* Double-slit diffraction
* Interference
* Standing waves
* Nodes
* Antinodes
* Harmonics
* Boundary conditions

For sample problems, look at the worked solutions of sample problems in text or consult pages 164-168 in Waves 3.