

See all previous topical reviews; this covers only new material

Chapter 16

- In addition to everything covered before...
- Doppler effect – sound waves at speed of sound

Chapter 38

- $E=hf$
- Photo electric effect, calculate W_0 , etc.
- The Bohr Model of the Atom. Photon emission, absorption, calculate energy levels from lines, bohr radius, calculate classical speed of electron at a bohr radius

Chapter 16: 79, 93, 95,

Chapter 38: 61, 63, 65, 67, 71, 73 (non elastic when goes to $n=2$), 75,
77, 79

There are few Bohr atom problems here, look at problems 42-59.

There are also the problems associated
specifically with the sections