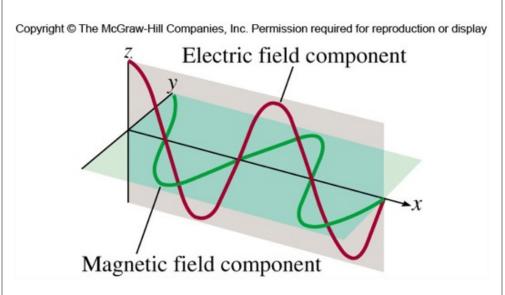
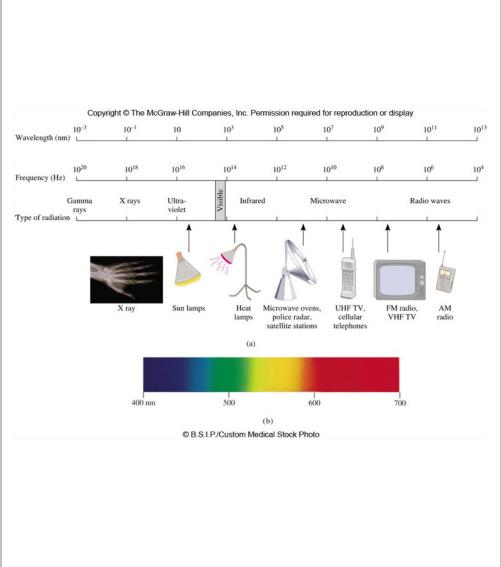
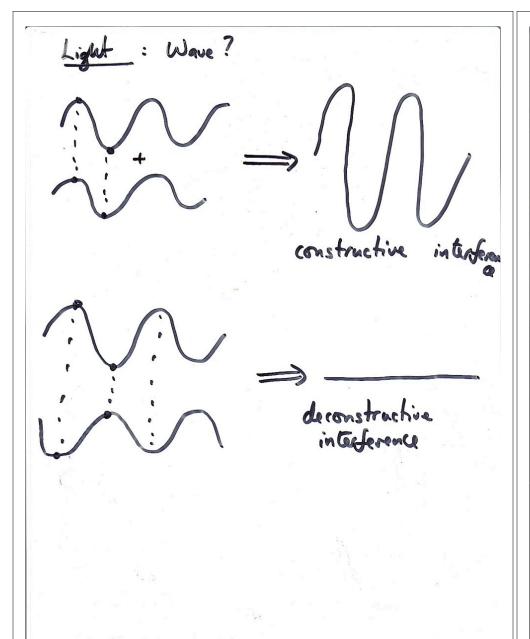
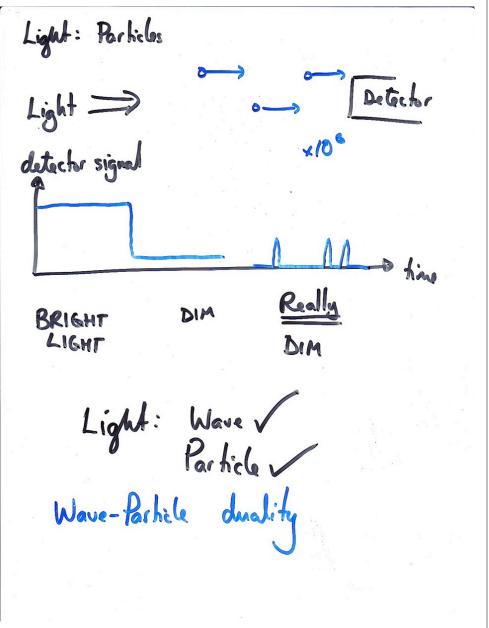


Sound wave, with 2 = 30m, what is >>? 6 u=7.2 D= U = 300 m/s = 10 s = 10 Hz "Light" is an electromegratic Emave. moves @ a speed = 3.00 × 108 m/s C = 3.00 x 10 m/s M-waves 8-rays Radio-waver X-rays UV-rays - all EM waves. VIS-light IR-rays



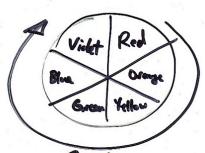






```
Red light: 7 = 700. nm C=3.00 y10 m/s
  n= x10-9 7= 700. x10-9m
 Epholon = hv = hc = 6.626 × 10-34 J. / × 3.00 × 10-9 M
                   = 2.84 × 10-19 J
Blue light: 7 = 400.nm
- 400. x 10 m
   Ephoton = h.c = 4.97 x 10-19 J
                     UV - light
    Eblu > End
     The Tend Jun < Deline = Eur > Epin 7 Em
```





2 decreases => Ephobo increases

Blue rolors arise from absorption of Orange light 21 = ED

Red colors arise from absorption of green light, 71 = ED

