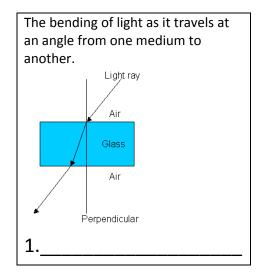
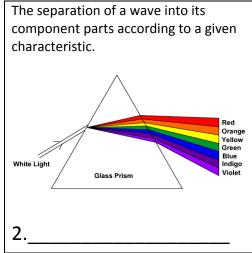
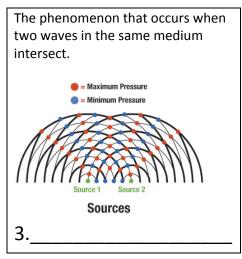
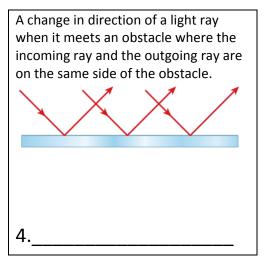
Directions: Underneath each diagram, write the letter or term from the right hand column. Use each term only once.

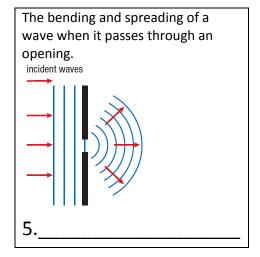


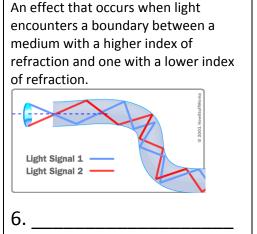


- A. Dispersion
- B. Iridescence
- C. Reflection
- D. Incoherence
- E. Interference
- F. Refraction
- G. Diffraction
- H. Total Internal Reflection









Newton's	Particle	Theory	of	Light
----------	-----------------	---------------	----	-------

• Light travels in _____ or "corpuscles"



- Particles travel in ______ velocity
 and have ______ energy
- Light ______ a medium or ether to travel in
- Explains _____ and but NOT

Huygens' principle (1678)

All points on a wave can be thought of as new sources of ____

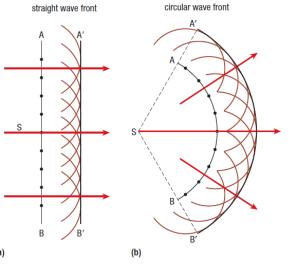


Figure 1 (a) In Huygens' construction of a straight wave front, the wave front is a straight line even though it is defined by circular waves. (b) In Huygens' construction of a spherical wave, the new wave front is drawn tangent to the circular wavelets radiating from the point sources on the original wave front.

- Light travels _____ the ether
- Explained ______, and ______