

# WAVES 1-1, 1-2

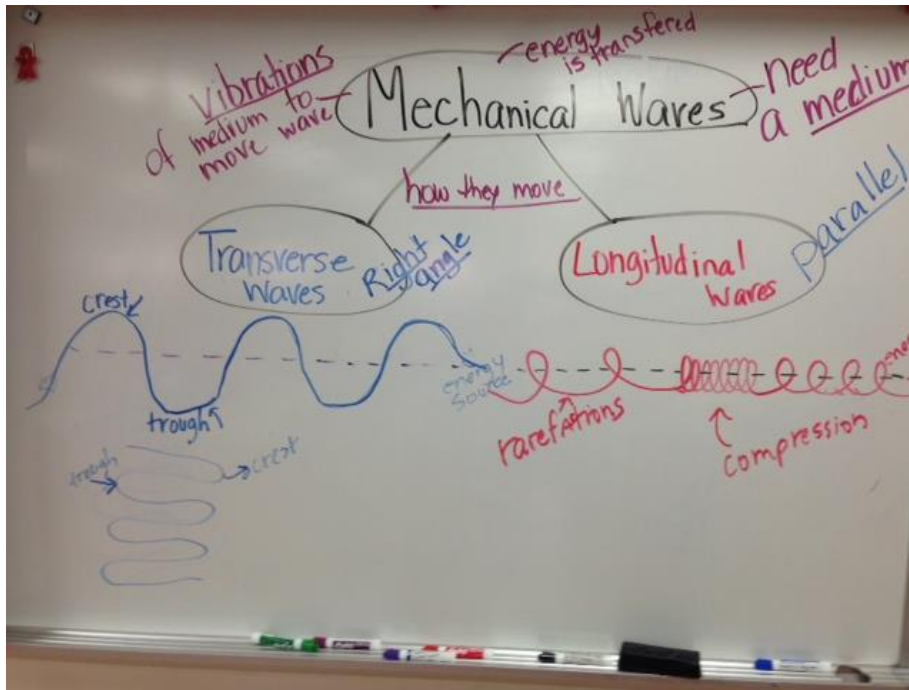
## SOUND 2-1

## LIGHT 4-1

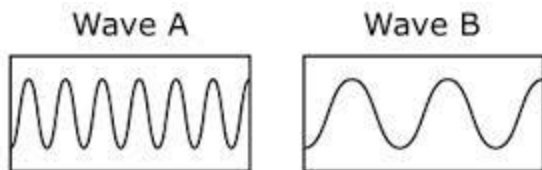
STUDY GUIDE TEST DATE FRIDAY, DECEMBER 13, 2013

You need to know your vocabulary flashcards!!! If you don't know what these words mean, you can't answer the questions on the test!

Below is the diagram from the board when we studied chapter 1.



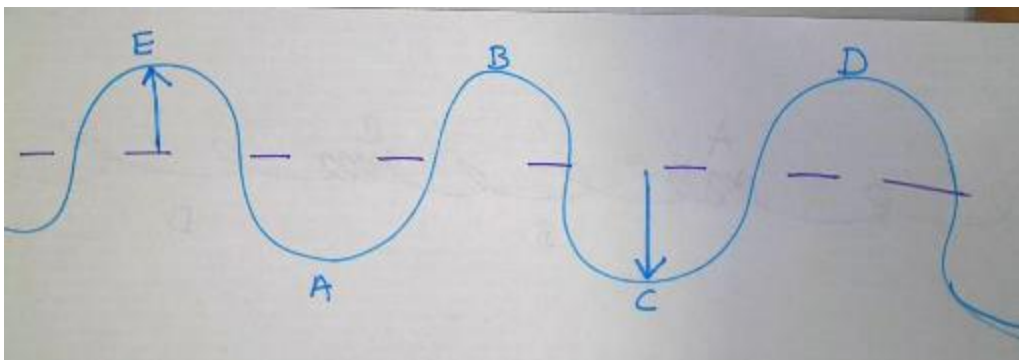
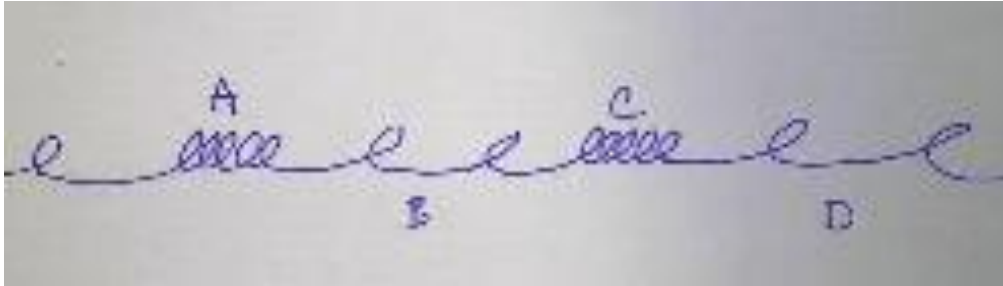
You will compare which of two wavelengths have a greater frequency.



What are the 4 basic properties of waves?

What are the mediums of waves?

There will be a diagram on the test of a longitudinal wave and a transverse wave. Be able to locate the parts of the wave on each- wavelength, trough, crest, amplitude, compression, rarefaction.



Why can you see lightening before you hear the thunder?

Why can you hear sounds around corners?

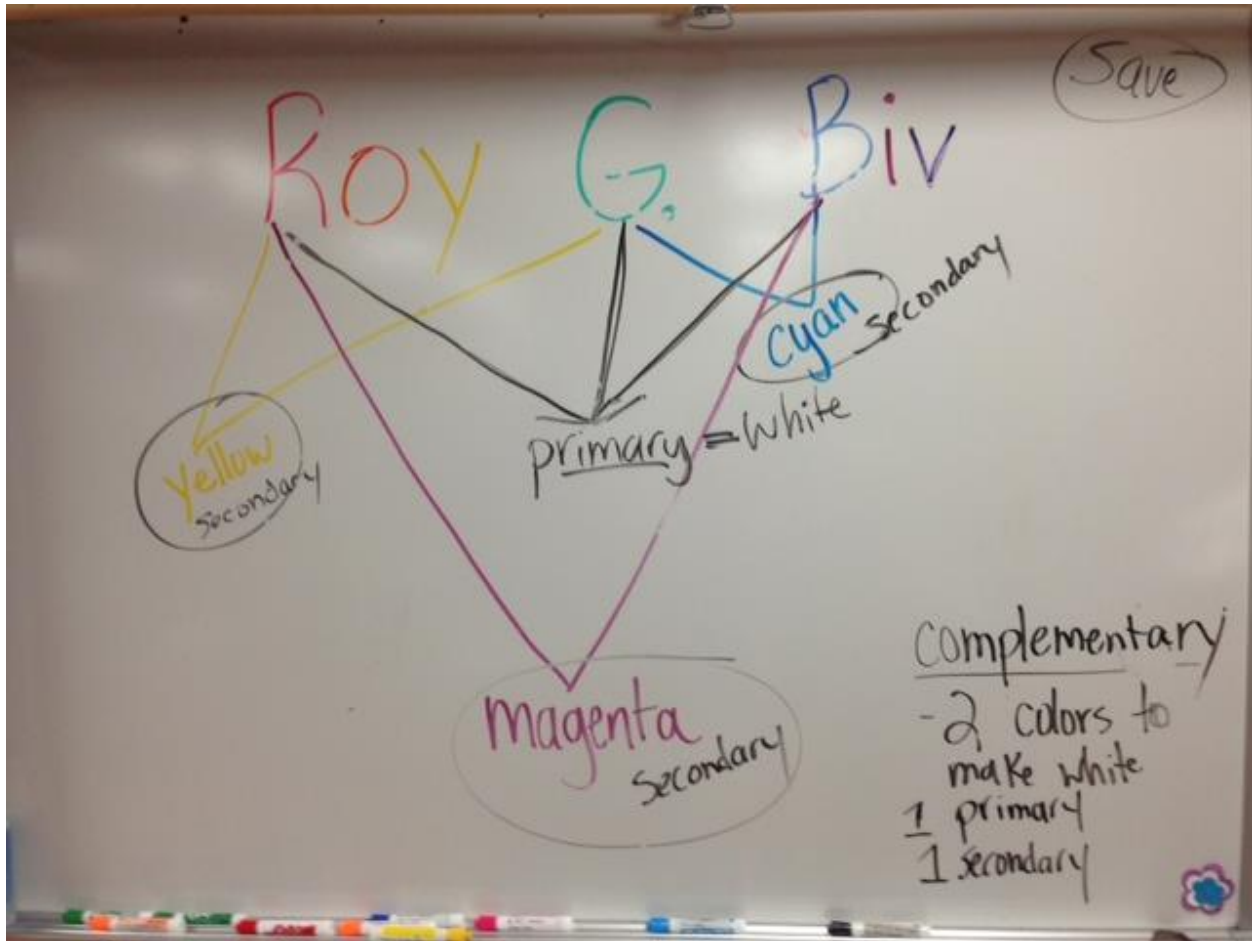
Think about the lab we did about sound waves using hangers. What were the mediums in that case? What happened to the hanger after it hit the table?

What does Roy G. Biv stand for? Study your notes in your spiral page 51.

Know examples and definitions of opaque, transparent and translucent.

What happens to light when it hits an object? (3 possible things)

What would a banana look like under yellow light? Red light?



Know your primary colors of both pigments AND light.

Know your secondary colors of light and what primary colors you combined to make the colors.

What complementary colors make white light?