

Virtual Image Observed by Refraction

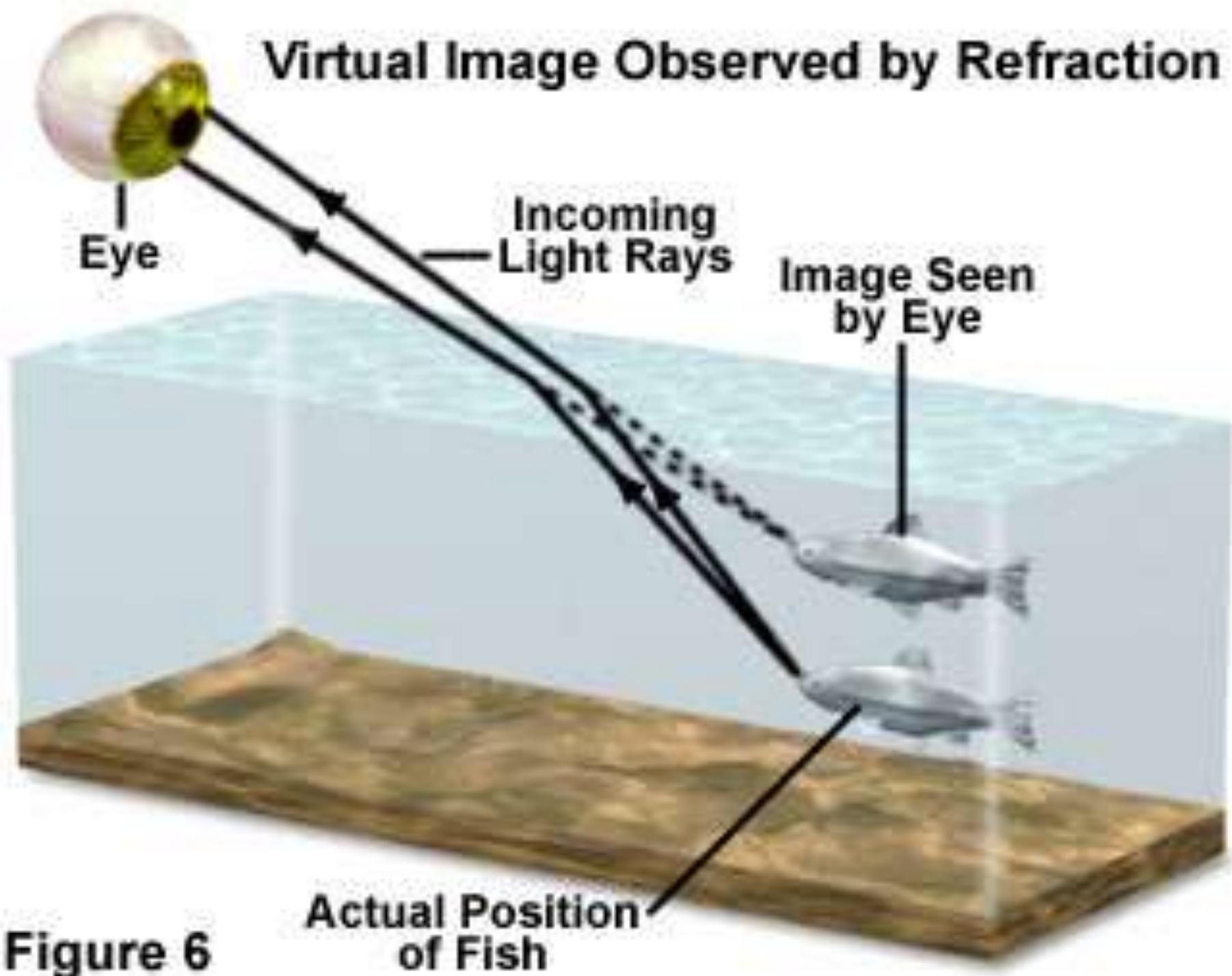


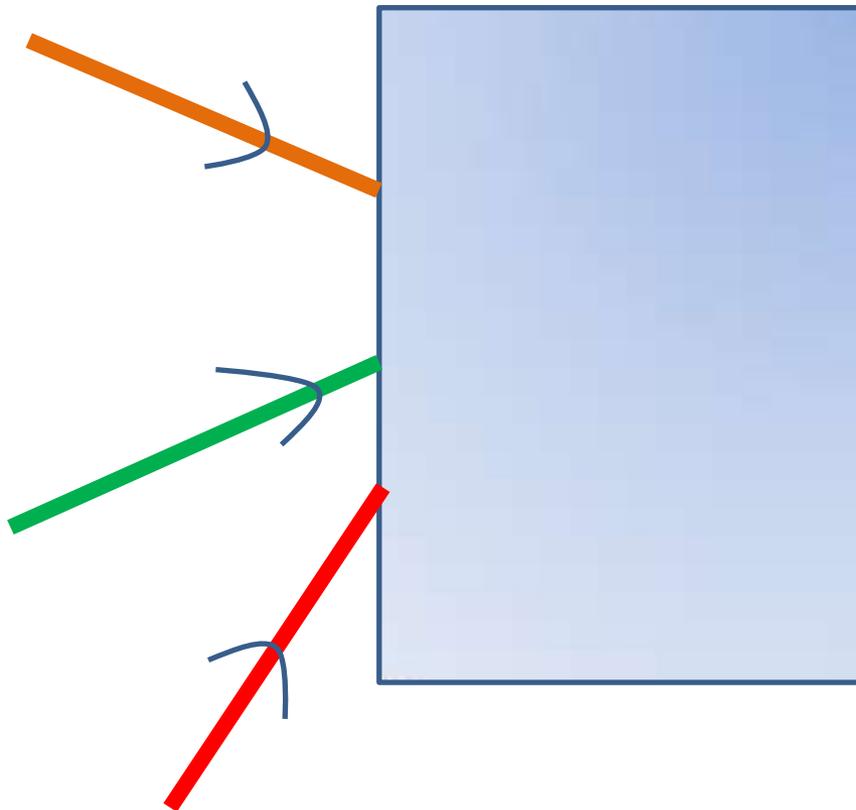
Figure 6

Actual Position
of Fish

Refraction

Draw a square on your paper and imagine it is a glass block.

Draw the route of 3 rays of light travelling through it



ANSWER THIS QUESTION:

When light speeds up, which way does it bend? Which way does the light bend when it slows down?

Keyword Taboo

Choose whether you are Person 1 or Person 2. **Only open the flap for the one that you have decided to be.** You must explain to your partner the words that are under your flap. Your partner must guess each time. After, swap around.

Person 1	Person 2
Evaporation	Tendon
Condensation	Ligament
Sublimation	Antagonistic
Freezing	Biceps

Gas and Water Tests

Draw a table to illustrate how you would test for the following:

Substance	Experiment	Result
Oxygen		
Carbon dioxide(1)		
Carbon dioxide(2)		
Hydrogen		
Water		

Combustion

- Look at the candle

Write down what the reactants of burning the candle are (i.e. what is needed for the burning to take place) and write down what the products are.

Write out a word equation for this.

Draw a graph from the following table of results about the time taken for ice-cream to melt when different temperatures of chocolate sauce are poured on it

- Don't forget labels and units!

Temperature of chocolate sauce (degrees Celsius)	Time taken for ice cream to melt (seconds)
15	60
20	50
25	40
30	30
35	20
40	10
45	0

Keyword Taboo

Choose whether you are Person 1 or Person 2. **Only open the flap for the one that you have decided to be.** You must explain to your partner the words that are under your flap without saying the word. Your partner must guess each time. After, swap around.

Person 1	Person 2
Magnesium	prism
Hydrogen	red
Carbon dioxide	violet
Oxygen	Magnesium oxide

Draw a sketch graph of temperature against time in your books.

Imagine you are drawing a graph to show the temperature of a piece of ice melting into a water. Draw the line of temperature against time on the graph.

Use page 153 of the books to help you

