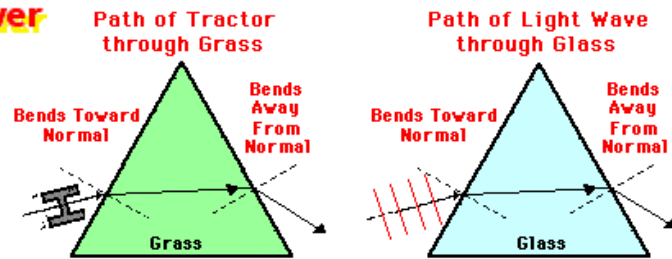


Quick Quiz Answer



Check Your Understanding - Answers

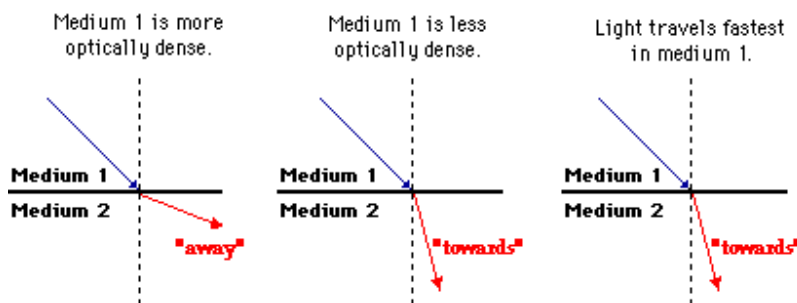
Question 1: Traveling from a more dense medium to a less dense medium is like traveling from a slow medium to a fast medium; such a light ray will bend away from the normal.

Question 2: Traveling from a less dense medium to a more dense medium is like traveling from a fast medium to a slow medium; such a light ray will bend towards the normal.

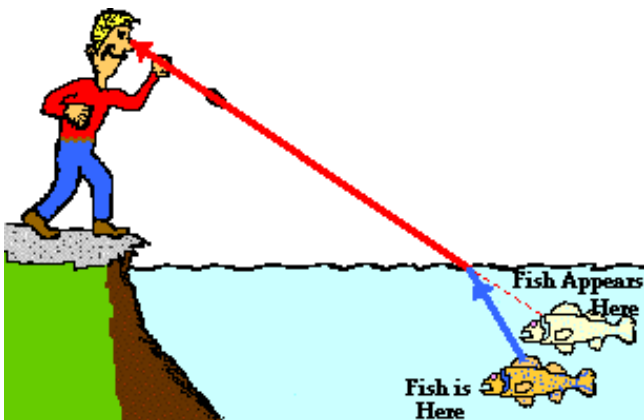
Question 3: Traveling from a medium with a high n value to a medium with a low n value is like traveling from a slow medium to a fast medium; such a light ray will bend away from the normal.

Question 4: Traveling from a medium with a low n value to a medium with a high n value is like traveling from a fast medium to a slow medium; such a light ray will bend towards the normal.

Question 5:



Question 6: Arthur must aim at a position on the water **below where the fish appears to be**. Since light refracts away from the normal (water to air) as Arthur sights at the fish, the refracted ray when extended backwards passes over the head of where the fish actually is.



Question 7:

Case A: This ray is traveling from slow (high n value) to fast (low n value); it will bend away from the normal.

Case B: This ray is traveling from fast (low n value) to slow (high n value); it will bend towards the normal.