

# Total Internal Reflection

## 1. Fill in the blank

- A. The light ray moves from a \_\_\_\_\_ dense medium to a \_\_\_\_\_ less dense medium.
- B. The angle of incidence must be \_\_\_\_\_ than the critical angle.
- C. The critical value of the diamond is \_\_\_\_\_.

## 2. True or false

- A. Optical fibers are used in telecommunication for information transfer.
- B. The angle of incidence must be greater than the critical angle.

  

## 3. Answer the following questions

- A. What is mean by total internal reflection?
- B. What are the examples of total internal reflection?
- C. Explain about optical fibers and what are the uses of optical fibers?