

Write whether the following statements are 'true' or 'false'.

1. The speed of light in glass is less than its speed in air.
2. Sound travels faster than light.
3. A dam is built thicker at the bottom than at the top because the pressure of liquid decreases with depth.
4. Water kept in an earthen vessel is cooler because water coming out through the pores of the earthen vessel evaporates and takes away heat.
5. A small space is left between two adjoining railway track in a railway line because iron expands on heating.
6. The rear-view and side-view mirrors of a car are convex mirrors.
7. A steel ball is more elastic than a rubber of the same dimensions.
8. The elements of electric heaters are made of copper because of its high melting point.
9. A metal utensil has a wooden or plastic handle because wood and plastic are good conductors of heat.
10. Soap helps in cleaning clothes by absorbing dirt particles.
11. Liquids have a definite shape.
12. A short-sighted person cannot clearly see objects that are near.
13. An ordinary wall clock loses time in summer because the length of the pendulum increases.
14. A candle will not burn in vacuum.
15. Cooking is quicker in a pressure cooker because water boils at a lower temperature in it.
16. It is easier to swim in a river than in the sea because of the higher density of sea water.
17. The weight of a person is more at the equator than at the poles.
18. It is easier to roll a barrel than to pull it along.