# Worksheet: Light - Reflection and Refraction

Rajasthan State Board · Class 10 · Science · 4 questions · 10 marks

| Name: _____ | Date: _____ | Score: _____ / 10 |
|---|---|---|

**Q1.** What kind of image is formed by a convex mirror? *[1 mark]*

**Q2.** What is the refractive index of water? *[1 mark]*

**Q3.** An object is placed 15 cm in front of a concave mirror of focal length 10 cm. Find image distance. *[3 marks]*

**Q4.** Find the power of a lens with focal length 50 cm and discuss its use. *[5 marks]*