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## Worksheet: Light - Reflection and Refraction

Karnataka 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]*

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

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

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

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