

The page features several decorative elements: a large blue circle with a white center in the top right, a smaller similar circle below it, and a large blue circle with a white center in the bottom right. Thin blue lines cross the page diagonally. A large, faint watermark reading '© K Education Centre' is oriented diagonally across the center.

K Education Centre

KS3 Year 8 Science

Physics – Light

Assignment Questions

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Year 2023

Light

Q1 : How shadows are created ? Give example.

Q2: What is the difference between transparent and opaque?

Q3: What is the law of reflection?

Q4: What is refraction? Give examples.

Q5: What happens to light when it enters from less dense material to more dense material and vice versa.

Q6: Give some examples of refraction in every day life.

Q7 : What will happen to white light if it passes through prism

Q8: What will happen to colour of blue light if it passes through red filter.

Q9: What colour will green shoes look like in red light and why ?

Q 10 : With ray diagram show

- a) what will happen to light when it enters from less dense material at angle to the normal.
- b) Along the line of the normal.