AFGJI

Welcome to class XII. Attempt following questions in your classwork notebook before the start of session.

PHYSICS
XII

1. Draw a ray diagram to show image formation of a point object placed in front of a plane mirror.
2. Write nature of the image formed.
3. Define virtual image and state its properties.
4. While drawing ray diagram did you use 1st law of reflection ?Did you use 2nd law of reflection? What is the necessity of 2nd law of reflection?

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PHYSICS
CLASS XII

1. Show f=r/2 for a cocave mirror.

2. What is the condition for which f=r/2 is true?

3. State two methods(ways) in which above condition can be fulfilled for a spherical mirror.

4. For which group of rays is above mentioned relation (i) valid, (ii) not valid.

5. If f of a mirror is 10cm, what is itsr and the nature of mirror?

6. A concave mirror is of radius of curvature 1m. What is its focal length?

7. If object is virtual for a concave mirror, where will its image be formed?