

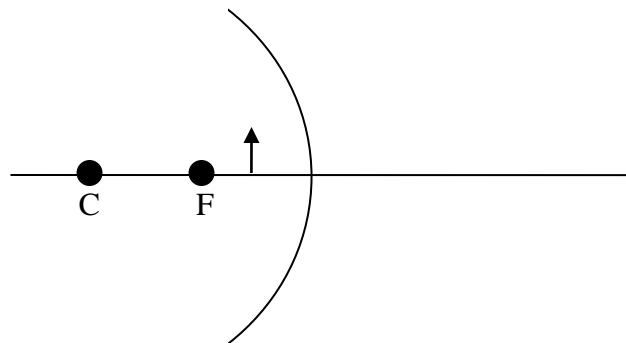
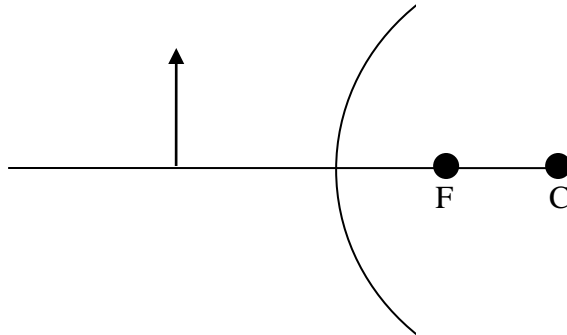
Physics Quiz 1/13/05

Curved Mirrors

Name: _____

Pledge: _____

- 1) An object, 5.0 cm tall, is 8.0 cm from the surface of a concave mirror with focal length of 6.0cm
 - a. Where is the center of curvature of the mirror?
 - b. What is the image distance from the mirror? Be sure to have your sign correct.
 - c. Is the image upright or inverted?
 - d. What is the height of the image?
 - e. Is the image real or virtual?
- 2) Complete the following ray diagrams with all four of the rays we've been talking about. In both cases the arrow is the object.



EC) Explain how the pig disk demo works with a ray diagram.