

1. Complete the following ray diagrams to show where the image of the object will form, and what its relative size will be.
2. Describe the nature of the image in each of the situations. Is it real or virtual? What is the magnification?

a.

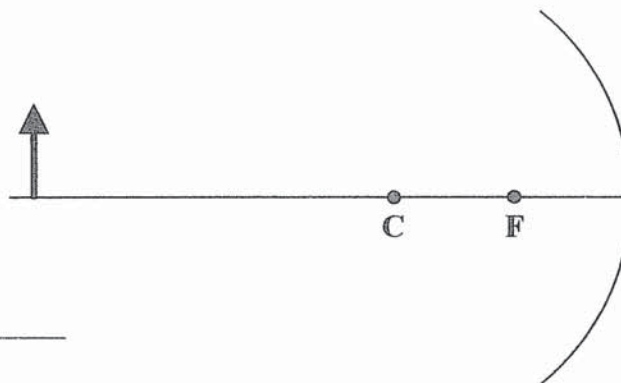


Image: \_\_\_\_\_

Magnification:

b.

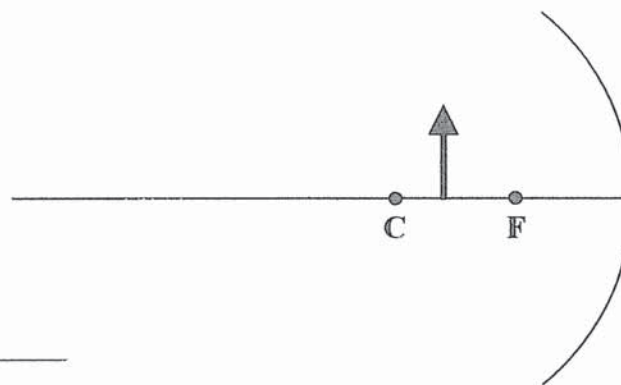


Image: \_\_\_\_\_

Magnification:

c.

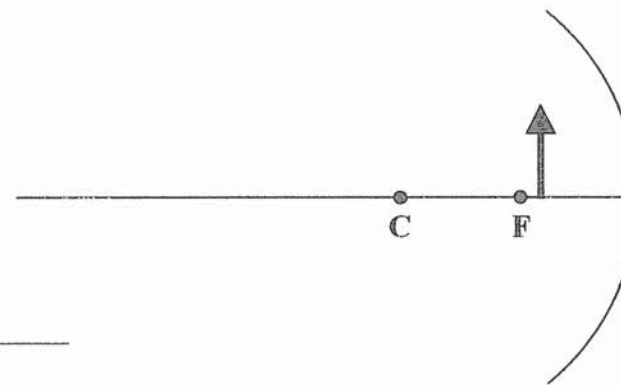


Image: \_\_\_\_\_

Magnification:

3. Complete the following ray diagrams to show where the image of the object will form, and what its relative size will be.
4. Describe the nature of the image in each of the situations. Is it real or virtual? What is the magnification?

a.

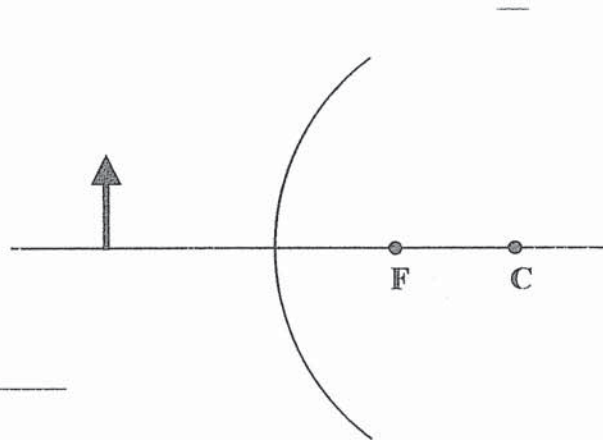


Image: \_\_\_\_\_

Magnification: \_\_\_\_\_