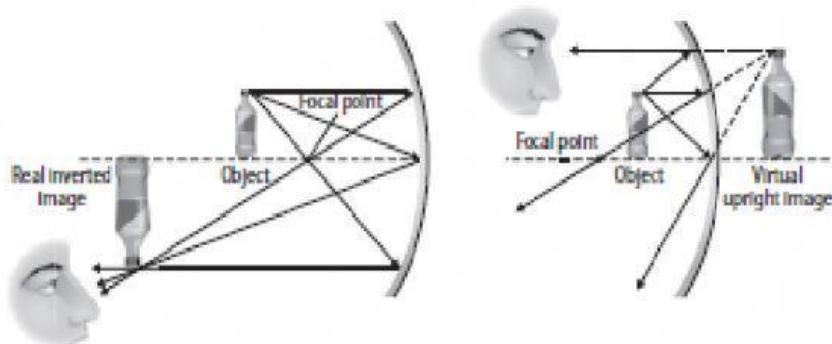


## Reflection and Mirrors

**Key Concept** What happens to light when it strikes a concave mirror?

**Directions:** Use the diagram to respond to each statement on the lines provided.



1. If an object is outside the focal point, then it produces a(n) \_\_\_\_\_ image.
2. If an object is inside the focal point, then it produces a(n) \_\_\_\_\_ image.
3. If an object is at the focal point, then \_\_\_\_\_.
4. The point at which reflected rays that are striking a concave mirror converge is called the \_\_\_\_\_.
5. A line that is perpendicular to the center of the mirror is called the \_\_\_\_\_.
6. The distance from the mirror to the focal point along the optical axis is called the \_\_\_\_\_.
7. A(n) \_\_\_\_\_ image occurs if the object is between the focal point and the mirror.
8. A(n) \_\_\_\_\_ image occurs if the object is beyond the focal point.
9. If you placed an object between you and a concave mirror, the reflected image would appear to be larger and \_\_\_\_\_.
10. If you placed an object outside the focal point, the reflected image would appear to be \_\_\_\_\_.