

Physics

Name _____

Date _____ Period ____ # ____

Ingrum 12/96

Topic 17 Review Worksheet

1. _____ Kind of lens used as a magnifying glass.
- _____ Kind of mirror used as a rearview mirror or in stores to give a large view.
- _____ An image that is formed behind a mirror and cannot be cast upon a screen.
- _____ Lenses that always diverge rays that strike them.
- _____ Lenses that are thick in the middle and thin on the edge.
- _____ Causes the image produced by lenses to be ringed with color.
- _____ Kind of mirror used to avoid spherical aberration.
- _____ Kind of lenses used in a microscope.
- A. concave
B. virtual
C. real
D. convex
E. negative
F. chromatic aberration
G. spherical aberration
H. parabolic
I. inverted

2. An object is 15 cm in front of a spherical concave mirror of radius 20.0 cm. The object is 3.0 cm high. Find the image distance and size by using a formula.

2. _____

3. Draw the mirror-image of the object's shown.

