0:16:10
1. An object is 30 cm from a concave mirror with focal length 10 cm. The object is placed above the principle axis and has height of 5 cm. Figure stuff out.

0:31:00
2. An object is 5 cm from a concave mirror with focal length 10 cm. The object is 5 cm high and is placed above the principle axis. Figure stuff out.

0:38:00
3. An object is 5 cm from a convex mirror with focal length -10 cm. The object is 5 cm high and is placed above the principle axis. Figure stuff out.

0:47:50
4. An object is 30 cm from a convex lens with focal length 10 cm. The object is 5 cm high and is placed above the principle axis. Figure stuff out.

0:59:10
5. An object is 15 cm from a convex lens with focal length 10 cm. The object is 5 cm high and is placed above the principle axis. Figure stuff out.

1:02:10
6. An object is 5 cm from a convex lens with focal length 10 cm. The object is 5 cm high and is placed above the principle axis. Figure stuff out.

1:05:30
7. An object is 10 cm from a convex lens with focal length -10 cm. The object is 5 cm high and is placed above the principle axis. Figure stuff out.

1:11:50
8. An object 10 cm from a convex lens has a virtual image 2 times the object's actual size. Figure stuff out.

1:23:40
9. We have a real image of a doll that is the same size as the doll. In the image, the doll's head is above its legs. The image is above the central axis. We use a concave mirror with radius 20 cm. Figure stuff out.