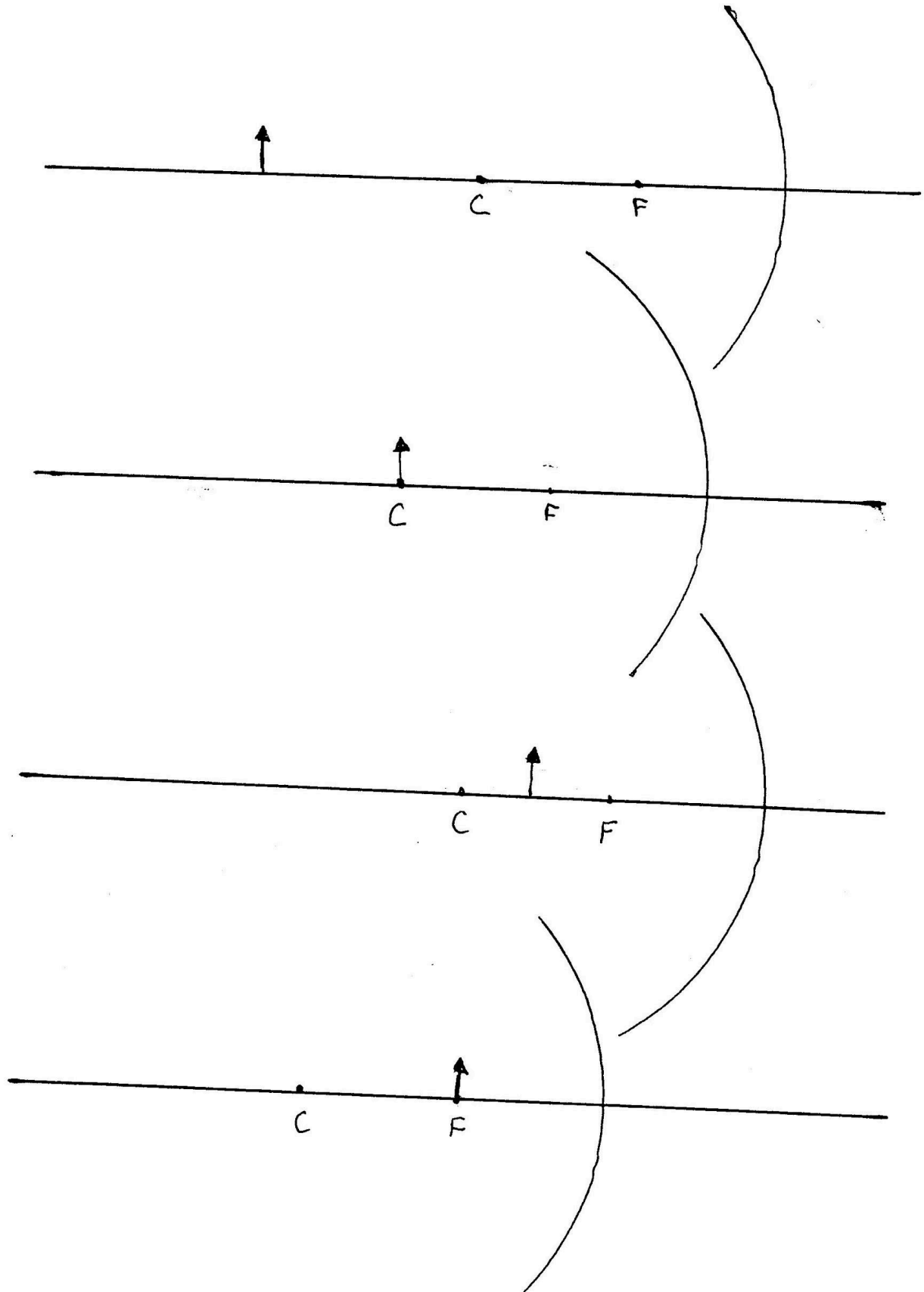
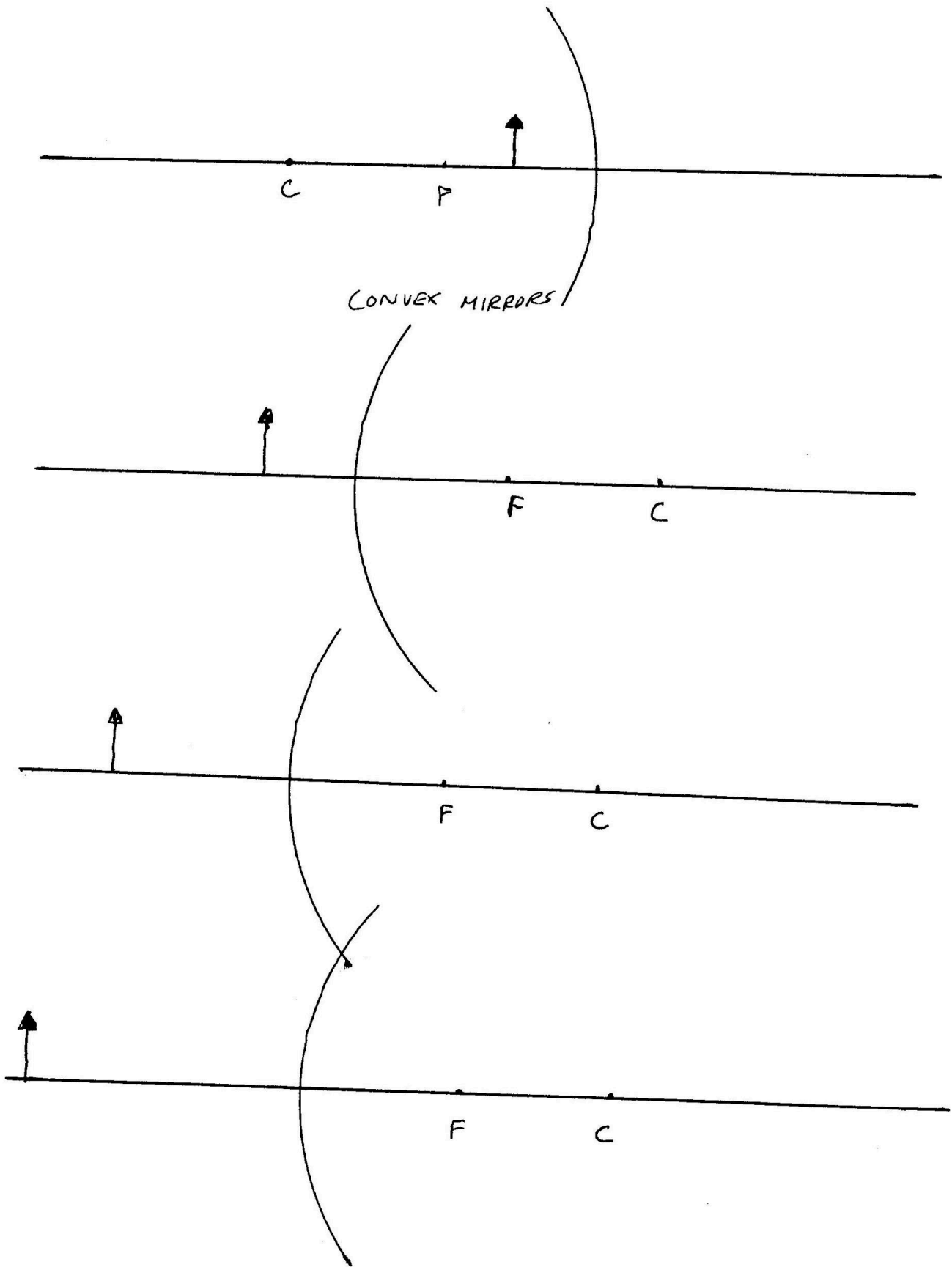


SNC2D0 - Curved Mirrors Ray Diagrams





Summary:

Mirror type	Object Location	S	A	L	T
Convex	In front of mirror				
Concave	Outside C				
Concave	At C				
Concave	Between C and F				
Concave	At F				
Concave	Between F and V				

HW:

CHECK YOUR LEARNING

1. List examples of how concave or convex mirrors might be used at your school. **A**
2. Describe the difference between a real image and a virtual image. **K/U**
3. Use a diagram to show how to locate the focus in a concave mirror. **K/U C**
4. In your own words, state the imaging rules for concave mirrors. **K/U**
5. You are looking at your image in a makeup or shaving mirror. Where is your head located with respect to the focus (F)? **T/I**
6. Why will a diverging (convex) mirror never produce a real image? Include a diagram in your explanation. **K/U C**
7. Examine the image formed by the mirror in Figure 14.
 - (a) What kind of mirror is this?
 - (b) Where is this image located?
 - (c) What type of image is it? **K/U**



Figure 14

8. Copy Figure 15 into your notebook. Locate the image for each object and state its characteristics. **T/I C**

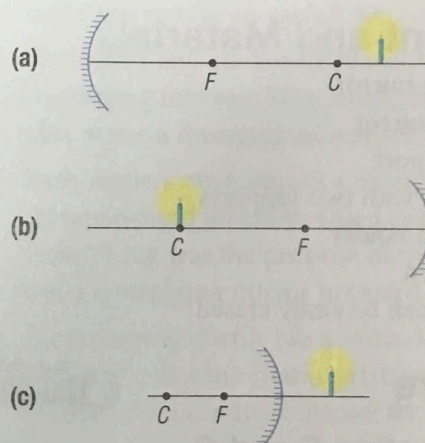


Figure 15

9. What is the relationship between the type and the attitude of an image? **K/U**
10. (a) Why are convex mirrors placed on sharp turns in parking garages?
(b) State other uses for convex mirrors. **A**