

Curved Mirrors Around Us Assignment

Name: _____

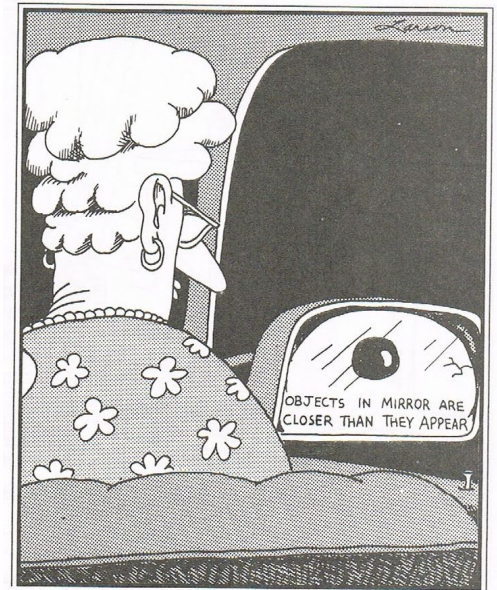
You are to find **real life** examples/situations where each of the following **IMAGE** characteristics are used and **desired** (not just randomly occurring):

1. upright & larger
2. upright & smaller

You cannot use the examples of dentist mirror, car side mirrors or telescope as they were provided in class.

Part A: For each selected image characteristic above state:

- a. **Type** of mirror used to create the image characteristics (concave or convex) ①
- b. What real life experience/situation requires this type of image & **WHY** desired ②
- c. **Object location** to create the image (be as specific as possible – ex. between C & F) ①
- d. A **hand drawn** ray diagram showing how an image with desired characteristics is created ③
- e. Include **S.A.L.T.** characteristics of each image beside the ray diagram ①



Part B: Find reflective surfaces in/around your home or the school creating images that are: ***pick only 2***

- i. Same size & upright
 - ii. Larger & upright
 - iii. Smaller & upright
- Take a picture that shows **BOTH** an object & its image.
 - Submit **labelled** images in Edsby messages.

Rubric:

Image Characteristics	Type of Mirror (1 mark each)	Example & WHY (2 marks each)	Object Location (1 mark each)	Ray Diagram (3 marks each)	S.A.L.T. (1 mark each)
Upright & Larger					
Upright & Smaller					
Images Around Home Pictures (1 mark each)	Same size & upright		Larger & upright		Smaller & upright