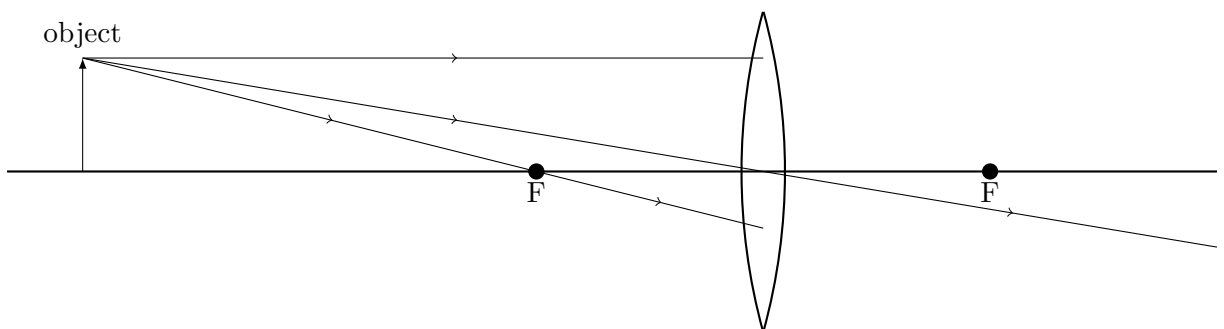
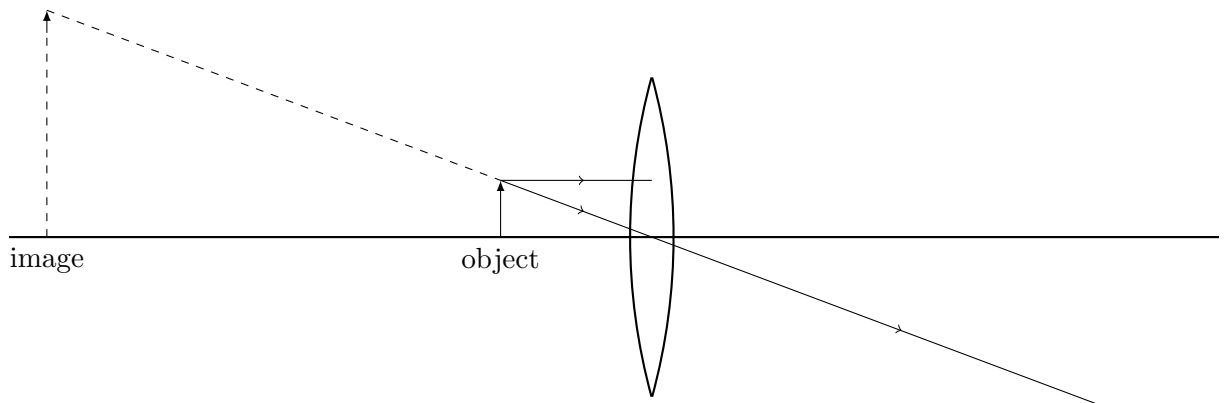
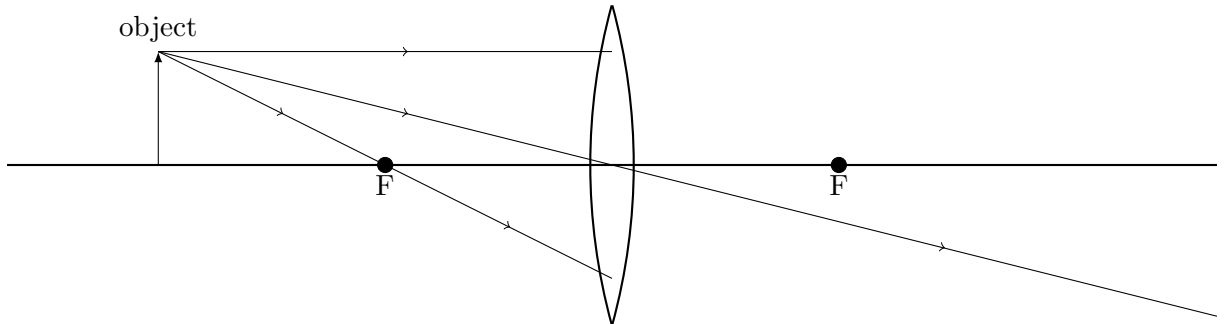


Lenses III

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1. Complete the following ray diagrams



2. A magnifying glass is used to look at an insect which is 2 cm long. The magnifying glass has a focal length of 3 cm, and the insect is placed 2 cm from the lens. Using the graph paper
- Draw a full size ray diagram.
 - Find the length of the insect when looked through the magnifying glass.
 - Would a fatter or thinner magnifying glass produce a larger image?