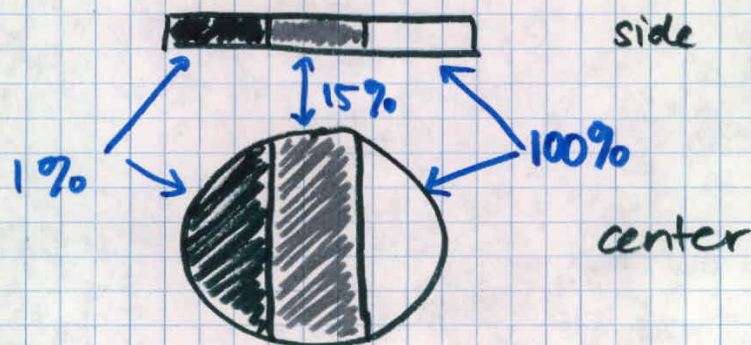
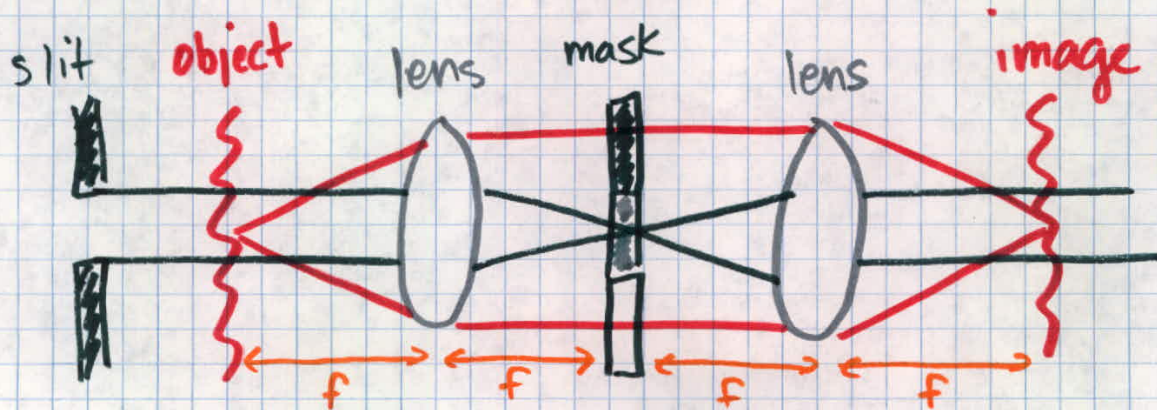


A special microscope is designed as follows:



Assume the object is a pure phase object (ie- it does not change the amplitude of the transmitted beam). Ignore diffraction.

Q1: what does it do?