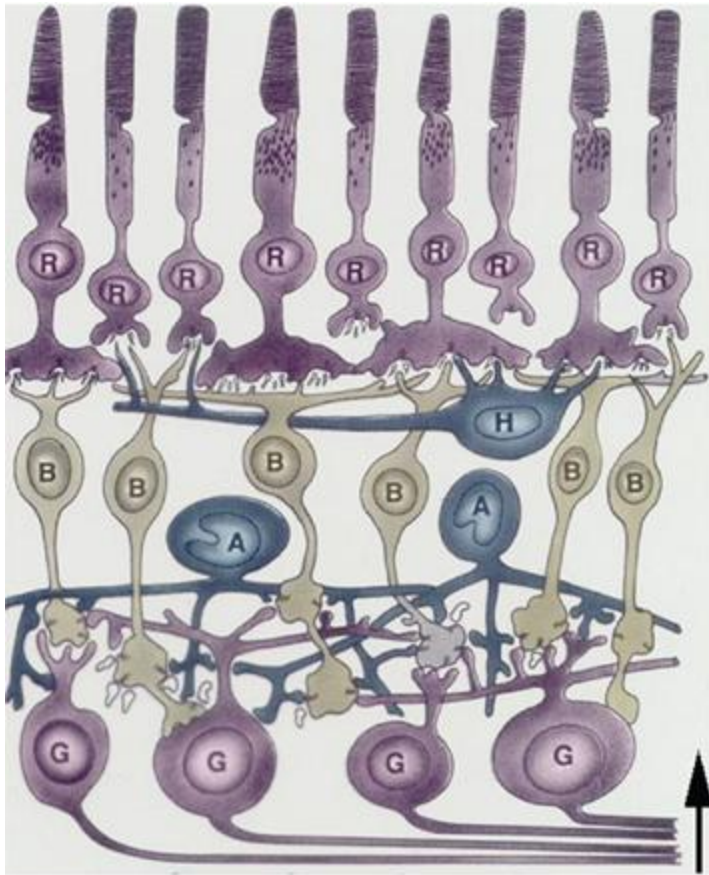


Ganglion Cell Receptive Fields

Retinal Network



Photoreceptors (rods; cones)

Horizontal cells

Bipolar cells

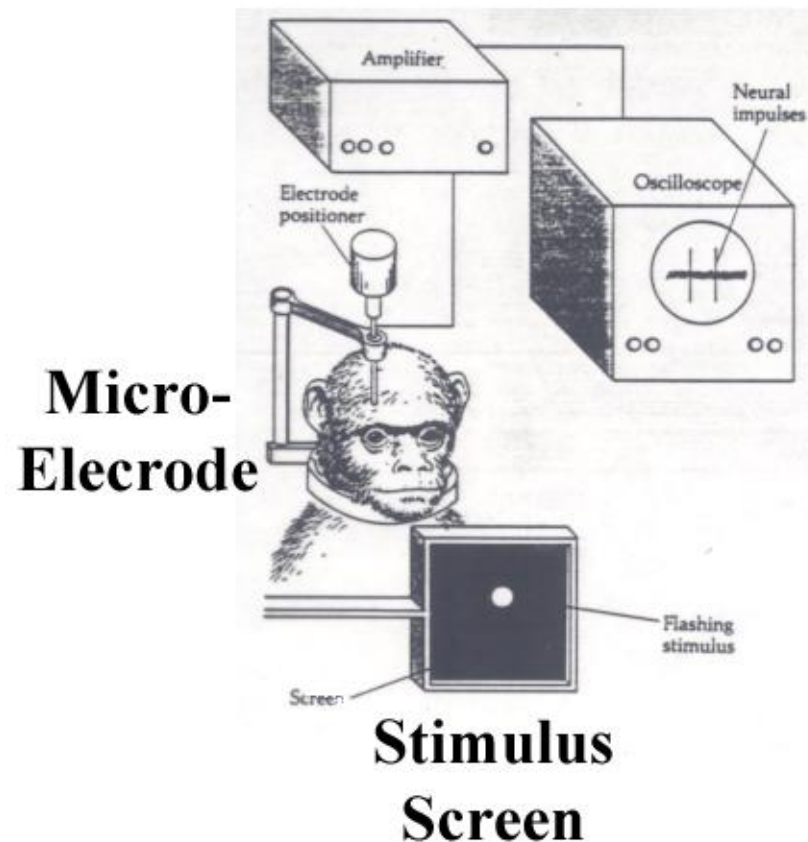
Amacrine cells

Ganglion cells

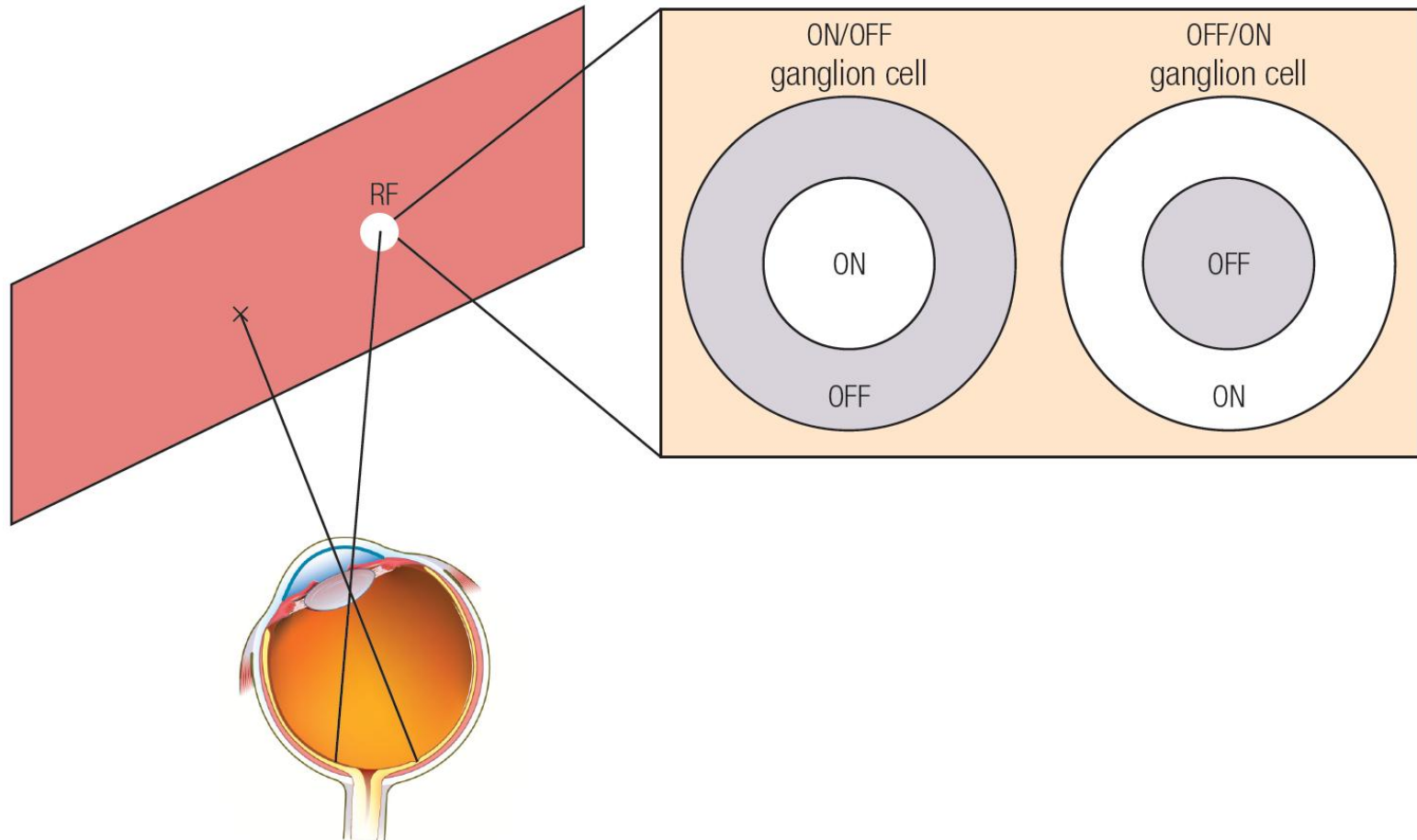
def: “Receptive Field”

The area of the retina which influences a given sensory neuron, by way of either excitation or inhibition, is known as that neuron’s **receptive field**.
(p. 286)

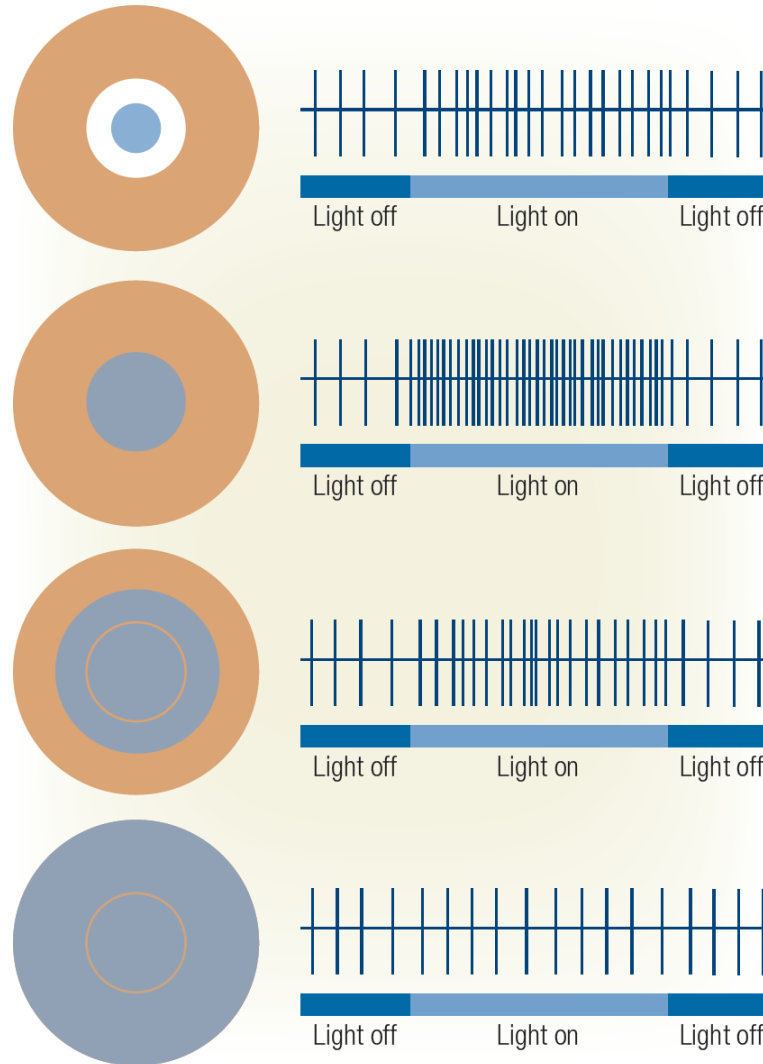
RGC Recording Protocol



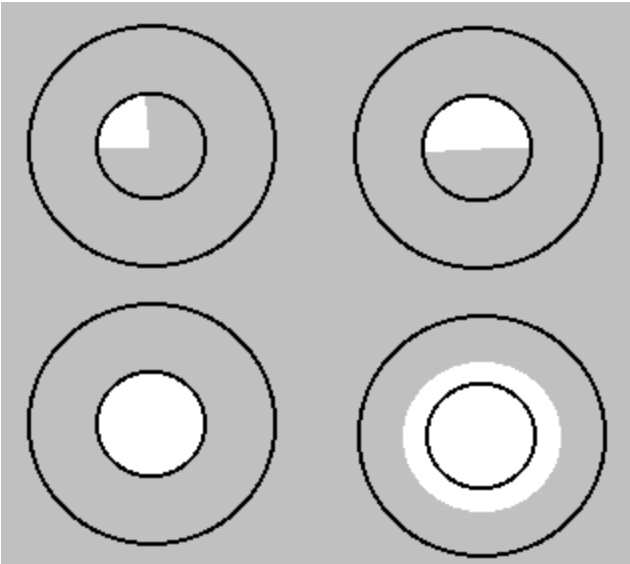
Concentric Organization (Center-Surround Antagonism)



Results of Variable Stimulation



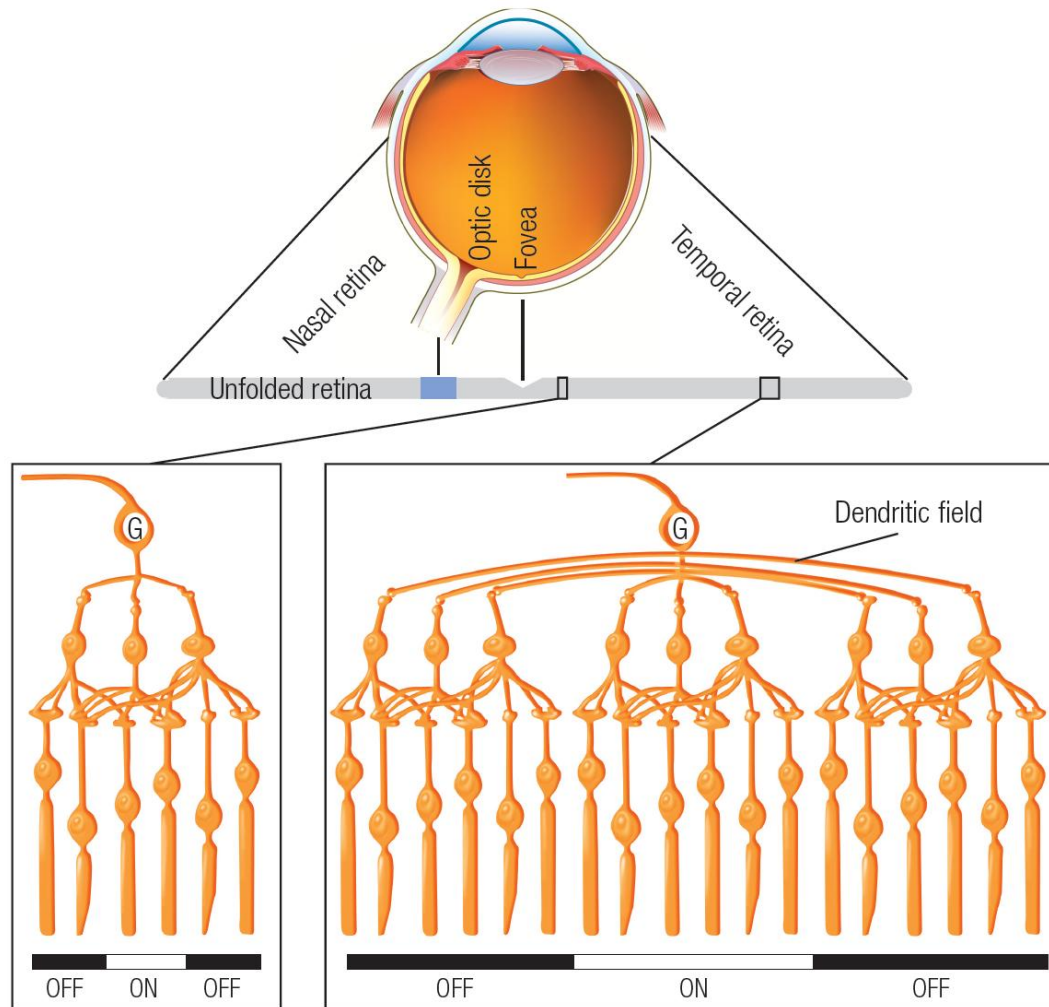
Test Your Understanding...



Can you rank-order these stimulus patterns in terms of the retinal ganglion cell's firing rate?

(From Slowest to Fastest)

Architecture of Center-Surround Antagonism



Vertical and Horizontal Stream Antagonism

