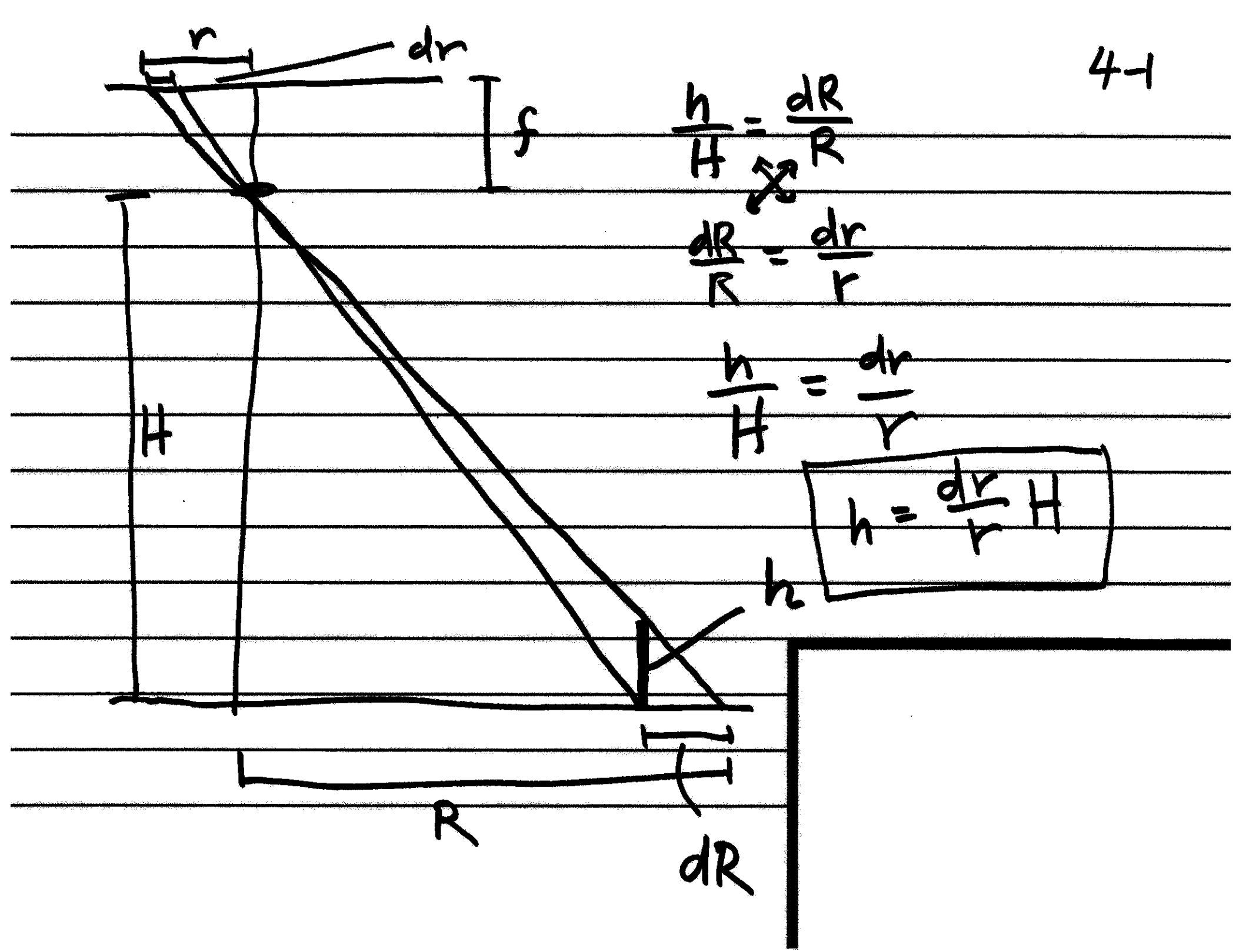
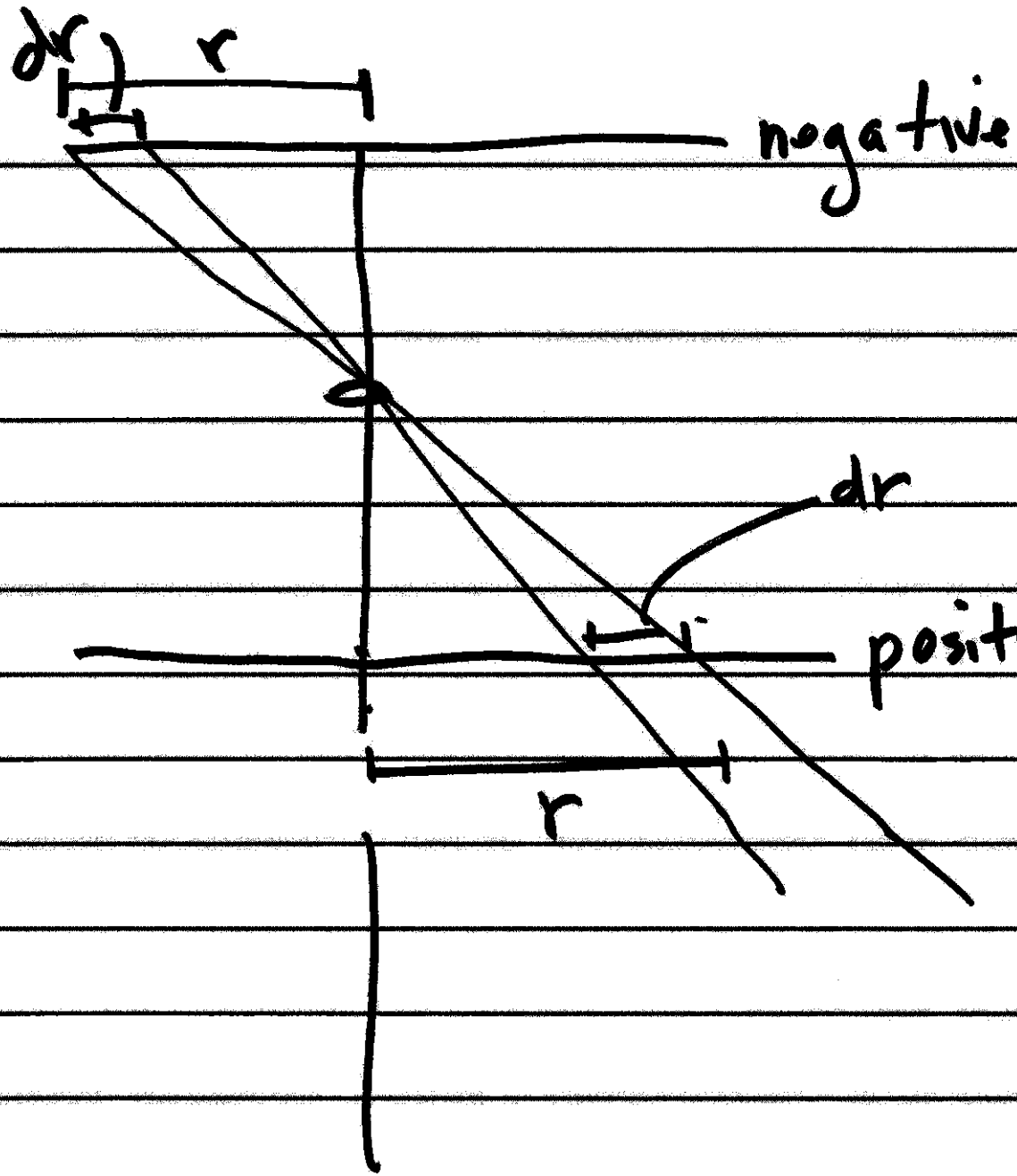


$$\frac{h}{H} = \frac{dR}{R}$$

$$\frac{dR}{R} = \frac{dr}{r}$$

$$\frac{h}{H} = \frac{dr}{r}$$

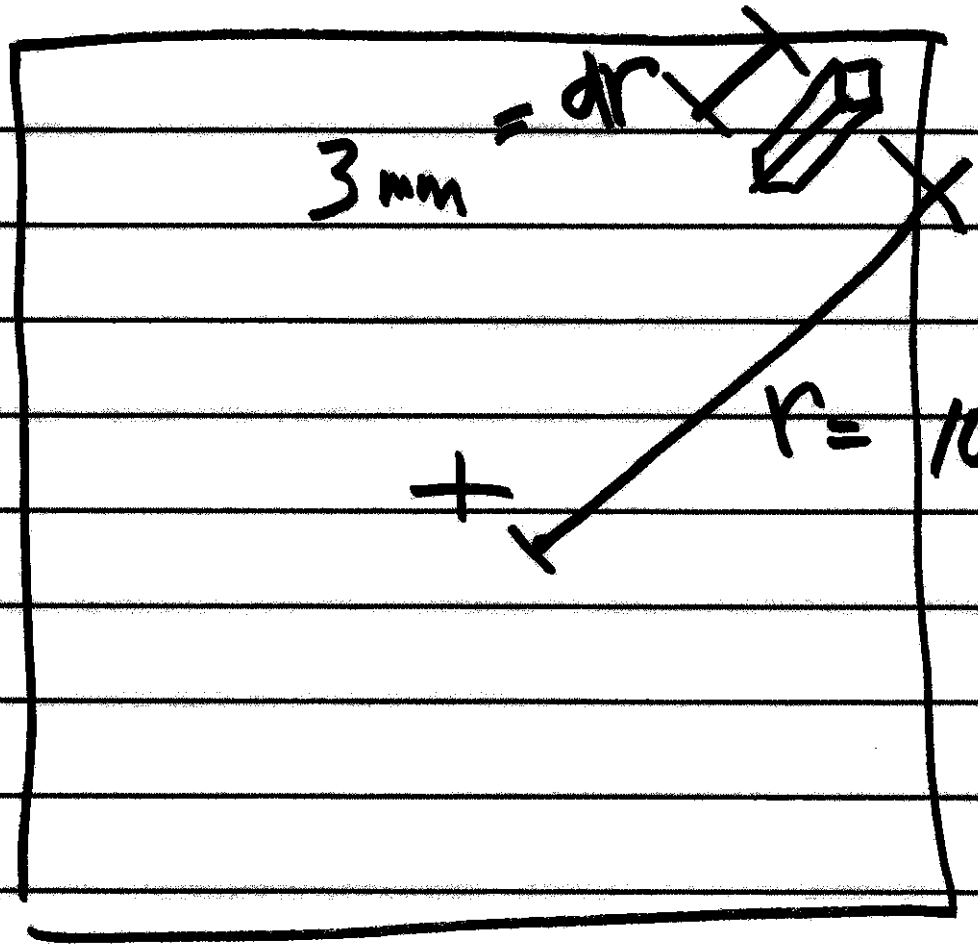
$$\boxed{h = \frac{dr}{r} H}$$



$$h = \frac{dr}{r} H$$

h — image space

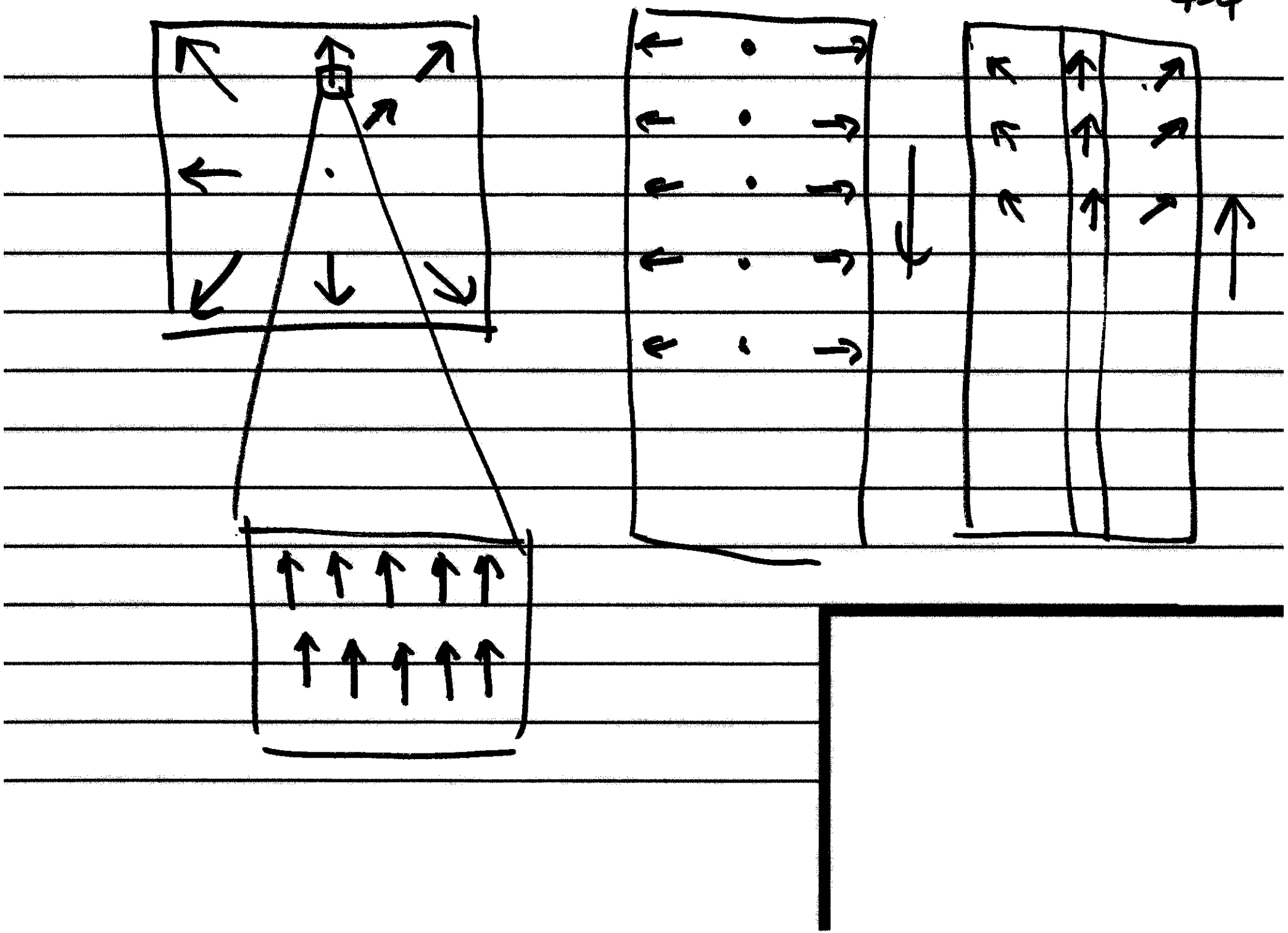
H — object space



$H = 1000\,m$

$$h = \frac{3}{100} \cdot 1000$$

$$h = 30\,m$$



Whiskbroom