

Magnification Problems

Lecture 2 Assignment

1-A patient can read 6/60 @ 20 cm, she wants to use CCTV to read 6/12 from 30 cm distance. What is the required amount of magnification to read this letter size at the distance she wants?

2-Assume you have a patient who can read 8 M @ 40 cm, he wants to read 2 M @ 40 cm.

a)-What is the Magnification required for this?

b)-What is the reading cap power? And what magnification it offers?

c)-What is the telescope magnification?

d)-What is the total magnification by the system?

3-A patient can read 6 M @ 40 cm, she wants to read 2 M. How can you help her?