

Do eye glasses and contacts lenses for the same person have the same focal length?

a) Yes

b) No

When using a magnifier, if a smaller focal length lens is used it will  
(compared to using the original magnifier):

a) Make the image larger on the retina.

b) Make the image the same on the retina.

c) Make the image smaller on the retina.

$f=500$  mm



$f=100$  mm



Which end of the telescope should you look into?

a) Left

b) Right

c) Either would give the same effect.

$f=500$  mm



$f=100$  mm



The image is

a) Erect

b) Inverted

c) Depends if you hold the telescope upside down or not.

$f=500$  mm



$f=100$  mm



If you move your eye further from the eye piece

- a) The amount of light entering the eye decreases
- b) The image formed on the retina gets smaller
- c) The image formed on the retina is no longer in focus
- d) The image formed on the retina stays the same

e) a and d