a25GeometricOptics_image

The LaTex code that creates this quiz is released to the Public Domain
Attribution for each question is documented in the Appendix

Thursday 25th October, 2018

Latex markup at
https://en.wikiversity.org/wiki/special:permalink/1942079

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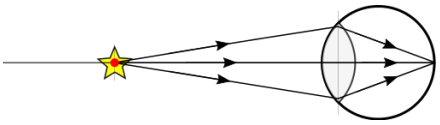
Contents

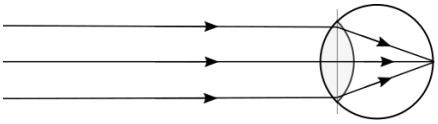
1 Quiz

1. Which lens has the shorter focal length?[1]

   A. This lens:

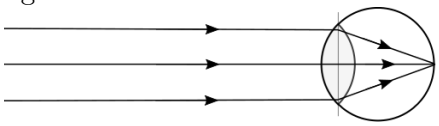
   

   B. This lens:

   C. Both lenses have the same the same focal length

2. figure:

   If this represents the eye looking at an object, where is this object?[2]

   A. One focal length in front of the eye

   B. Very far away

   C. One focal length behind the eye

   D. at the eye's cornea

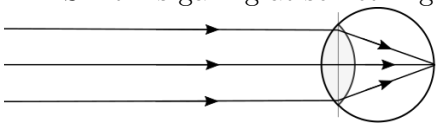
   E. at eye's retina

3. The focal point is where the rays from an object meet after they have passed through a lens.[3]

   A. False

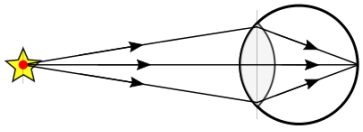
   B. True

4. Mr. Smith is gazing at something as shown in the figure:

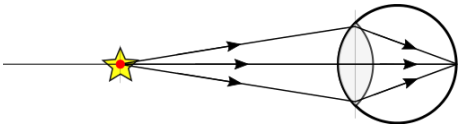
   

   Suppose the object is suddenly moved closer, but for some reason Mr. Smith does not refocus his eyes. which drawing below best depicts the rays' paths.[4]

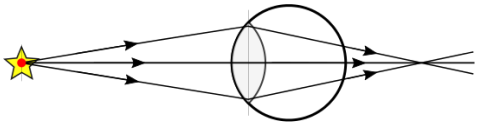
   A. This drawing:

   B. This drawing:

   C. This drawing:

2 Attribution

Notes

[1] a25GeometricOptics_vision placed in Public Domain by Guy Vandegrift: https://en.wikiversity.org/wiki/special:permalink/1942058

[2] a25GeometricOptics_vision placed in Public Domain by Guy Vandegrift: https://en.wikiversity.org/wiki/special:permalink/1942058

[3] a25GeometricOptics_vision placed in Public Domain by Guy Vandegrift: https://en.wikiversity.org/wiki/special:permalink/1942058

[4] a25GeometricOptics_vision placed in Public Domain by Guy Vandegrift: https://en.wikiversity.org/wiki/special:permalink/1942058