

Lens Quiz NAME:

Block:

In order to complete this worksheet, please look at the “Lenses” Powerpoint on curricular resources or site Langford pages . When you have completed this quiz hand it in electronically to my teacher drop box.

- 1.- What focal length lens (mm) is considered “normal”? Bubble-in one
85mm
50mm
200mm
2. There are 2 types of wide-angle lenses, name one in the space below:
3. Give an example of a situation where you would use a telephoto lens:
4. A zoom lens can be both wide angle and telephoto, True or False. (Type-in:)
5. What is one disadvantage of the zoom lens?
6. To find the minimum shutter speed for any lens, you take the focal length and make it a fraction. (put a 1 over it) For example, a 200mm lens = $1/200$ second minimum shutter speed, or $1/250$ on the shutter speed dial.
What is the minimum shutter speed for a 135mm lens?
7. Is it possible to have a wide-angle zoom lens? Explain below why or why not.
8. Can lenses be exchanged between different brands of cameras? Why or why not.
9. Please do some internet research at a site such as www.lensandshutter.com. Search out Canon or Nikon lenses, and find the price for a 50mm f1.4 and for a 50mm f 1.8 lens.
Enter in the price for each below.
10. In regards to question #9, explain why one lens costs so much more than the other.

11. You have been assigned to shoot a theatre production of “Tommy: The Who’s Rock Opera” produced by Seycove’s drama program. What lens would you use to shoot the production, and why. Feel free to cut and paste a link to the lens of your choice in your answer.

12. Given the choice between ISO100 and ISO 800, what would your probable ISO choice be for the shoot of the theatre production? Why?