

Optics Chapter Review
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Name: _____

Key Terms

Term	Meaning
Light	
Luminous	
Nonluminous	
Incandescence	
Phosphorescence	
Fluorescence	
Electric Discharge	
Chemiluminescence	
Bioluminescence	
Umbra	
Penumbra	

Questions:

1. Which of the following are luminous? Campfire? Moon? Hot toaster filament? Why?
2. Explain the main differences between a phosphorescent source and a fluorescent source.
3. Describe how a flashlight can be both luminous and non-luminous.
4. Which light source would be safest to use in buildings and mines that may be filled with explosive gas? Why?
5. List ways in which light energy is important in your life. What sources of light do you use? Brainstorm as many ideas as possible below.