

Review for Light, Color, Reflection and Refraction Test

1. Know all the factors that allow us to see color.
2. Know the Law of Reflection
3. What is Color Addition?
4. What is Color Subtraction?
5. Colors correspond to different frequencies of light.
6. **Know what colors combine to make other colors.**
7. What color dots make up your TV screen?
8. Mirages are caused by reflection or refraction?
9. What is refraction?
10. What is a virtual image?
11. Your image distance behind a flat mirror is equal to the distance you are in front of the mirror.
12. Why are clouds white?
13. Virtual images are upright.
14. What is an echo?
15. What is reflection?
16. Do objects appear closer or further away when seen looking into water?
17. Know what direction beams of light travel when entering or leaving different media.
18. An image formed by a convex lens is real, upside down and can be projected on a wall.
19. Free answer # 28 on the test is D ☺
20. A magnifying glass is a convex lens.
21. Know how light speed changes going from one medium to another.
22. Know what dispersion is.
23. Why can you hear noises a long distance over water at night?
24. We can read paper from any direction because it has diffuse reflection.
25. What is a pigment?
26. What is diffuse reflection?
27. Be able to draw the law of reflection.
28. Why do red petals warm up?
29. Why is the sky blue?
30. Why are sunsets red?
31. Know how to use the speed of light equation.