

1. 1.09
2. The normal
3. $\theta_i = \theta_r$
4. Refraction
5. $n_1 \sin \theta_1 = n_2 \sin \theta_2$
6. 130.8°
7. 481 nm
8. 48.6°
9. -6.67 cm
10. 1.33 cm
11. -2.5 cm
12. 7.25 cm
13. virtual and upright
14. specular reflection
15. diffuse reflection
16. dispersion
17. bend
18. retina
19. astigmatism
20. Presbyopia
21. Refracting
22. 1608
23. Leviathon of Parsonstown
24. Red, orange, yellow, green, blue indigo, violet
25. 600 nm
26. Conjunctiva
27. Cornea
28. Lateral rectus muscle
29. 2.25 eV, 0.85 volts

30 a 30.41°

b 22.37°

31 59.9°