National Cathedral School Optics Answer Key

**MC Questions 1 – 42 are 2 pts each**

One column for test page

1. D
2. C
3. C
4. A
5. C
6. C
7. D
8. C
9. D
10. D
11. C
12. C
13. A
14. A
15. C
16. C
17. B
18. B
19. C
20. C
21. A
22. B
23. C
24. A
25. A
26. C
27. A
28. C
29. C
30. C
31. A
32. C
33. A
34. D
35. C
36. B
37. D
38. A
39. A
40. A
41. A
42. A

End of MC

**Question 43 is 3 pts.** The angle should be close to the value shown below and the ray trace should look similar as well (below the normal)



**Question 44a is 2 points.** **No points if no work shown.**

**Question 44 b is 3 points**



**Question 45 is 2 points**



**Question 46 is 3 points**



**Question 47 is worth 3 points**

