Powers and Roots Solutions

Green Section
1. 9
2. 125
3. 16
4. 36
5. 121
6. 64
7. 144
8. 1
9. 16
10. 8
11. 169
12. 216
13. 64
14. 81
15. 4
16. 25
17. 1
18. 343
19. 225
20. 1000
21. 196

Yellow Section
1. 4
2. 4
3. 13
4. 2
5. 12
6. 1
7. 5
8. 11
9. 5
10. 8
11. 9
12. 2
13. 7
14. 10
15. 15
16. 10
17. 1
18. 2
19. 3
20. 6
21. 14

Red Section
1. Between 1 and 2. Closer to 2 than 1.
2. Between 5 and 6. Closer to 6 than 5.
3. Between 9 and 10. Closer to 9 than 10.
4. Between 7 and 8. Just over 7.
5. Between 8 and 9. Closer to 9 than 8.
6. Between 6 and 7. Closer to 6 than 7.
7. Between 12 and 13. Closer to 12 than 13.
8. 1.44
9. 0.81
10. 0.25
11. 0.49
12. 2.25
13. 900
14. 640000
15. 0.027
16. 0.008
17. 0.0001
18. 0.125
19. 0.0016
20. 125000
21. 8000

Apply
1. $9^0, 1^3, \sqrt{49}, \ 2^3, 3^2, \sqrt{81} \ (9^0 = 1^3)(3^2, \sqrt{81})$
2. a) $2^3 = 8$
   b) $\sqrt[3]{27} = 3$
   c) $\sqrt[3]{64} = 4$