

Name: _____

Class: _____

Roots

Calculate the root of each value.

1. $\sqrt{676} =$ _____ 2. $\sqrt[5]{1} =$ _____ 3. $\sqrt[4]{256} =$ _____ 4. $\sqrt{100} =$ _____

5. $\sqrt[5]{32} =$ _____ 6. $\sqrt[3]{1} =$ _____ 7. $\sqrt{64} =$ _____ 8. $\sqrt[4]{1} =$ _____

9. $\sqrt[6]{1} =$ _____ 10. $\sqrt[6]{729} =$ _____ 11. $\sqrt[5]{1,024} =$ _____ 12. $\sqrt[6]{64} =$ _____

13. $\sqrt[5]{243} =$ _____ 14. $\sqrt{1} =$ _____ 15. $\sqrt[4]{81} =$ _____ 16. $\sqrt[3]{125} =$ _____

17. $\sqrt[4]{625} =$ _____ 18. $\sqrt{25} =$ _____ 19. $\sqrt[3]{8} =$ _____ 20. $\sqrt[4]{16} =$ _____

21. $\sqrt{9} =$ _____ 22. $\sqrt[3]{512} =$ _____ 23. $\sqrt{529} =$ _____ 24. $\sqrt{81} =$ _____

25. $\sqrt[4]{1,296} =$ _____ 26. $\sqrt{49} =$ _____ 27. $\sqrt{256} =$ _____ 28. $\sqrt{900} =$ _____

29. $\sqrt[3]{729} =$ _____ 30. $\sqrt{4} =$ _____ 31. $\sqrt[3]{27} =$ _____ 32. $\sqrt[3]{1,000} =$ _____

33. $\sqrt{16} =$ _____ 34. $\sqrt{169} =$ _____ 35. $\sqrt[3]{216} =$ _____ 36. $\sqrt{625} =$ _____

37. $\sqrt[3]{64} =$ _____ 38. $\sqrt{36} =$ _____ 39. $\sqrt{961} =$ _____ 40. $\sqrt{225} =$ _____

41. $\sqrt{841} =$ _____ 42. $\sqrt{484} =$ _____ 43. $\sqrt{784} =$ _____ 44. $\sqrt{121} =$ _____

45. $\sqrt[3]{343} =$ _____ 46. $\sqrt{576} =$ _____ 47. $\sqrt{196} =$ _____ 48. $\sqrt{361} =$ _____

49. $\sqrt{144} =$ _____ 50. $\sqrt{324} =$ _____ 51. $\sqrt{729} =$ _____ 52. $\sqrt{441} =$ _____

53. $\sqrt{1,024} =$ _____ 54. $\sqrt{400} =$ _____ 55. $\sqrt{289} =$ _____ 56. $\sqrt[4]{16} =$ _____

57. $\sqrt[4]{625} =$ _____

Name: _____

Class: _____

Roots

Calculate the root of each value.

1. $\sqrt{676} = 26$
2. $\sqrt[5]{1} = 1$
3. $\sqrt[4]{256} = 4$
4. $\sqrt{100} = 10$
5. $\sqrt[5]{32} = 2$
6. $\sqrt[3]{1} = 1$
7. $\sqrt{64} = 8$
8. $\sqrt[4]{1} = 1$
9. $\sqrt[6]{1} = 1$
10. $\sqrt[6]{729} = 3$
11. $\sqrt[5]{1,024} = 4$
12. $\sqrt[6]{64} = 2$
13. $\sqrt[5]{243} = 3$
14. $\sqrt{1} = 1$
15. $\sqrt[4]{81} = 3$
16. $\sqrt[3]{125} = 5$
17. $\sqrt[4]{625} = 5$
18. $\sqrt{25} = 5$
19. $\sqrt[3]{8} = 2$
20. $\sqrt[4]{16} = 2$
21. $\sqrt{9} = 3$
22. $\sqrt[3]{512} = 8$
23. $\sqrt{529} = 23$
24. $\sqrt{81} = 9$
25. $\sqrt[4]{1,296} = 6$
26. $\sqrt{49} = 7$
27. $\sqrt{256} = 16$
28. $\sqrt{900} = 30$
29. $\sqrt[3]{729} = 9$
30. $\sqrt{4} = 2$
31. $\sqrt[3]{27} = 3$
32. $\sqrt[3]{1,000} = 10$
33. $\sqrt{16} = 4$
34. $\sqrt{169} = 13$
35. $\sqrt[3]{216} = 6$
36. $\sqrt{625} = 25$
37. $\sqrt[3]{64} = 4$
38. $\sqrt{36} = 6$
39. $\sqrt{961} = 31$
40. $\sqrt{225} = 15$
41. $\sqrt{841} = 29$
42. $\sqrt{484} = 22$
43. $\sqrt{784} = 28$
44. $\sqrt{121} = 11$
45. $\sqrt[3]{343} = 7$
46. $\sqrt{576} = 24$
47. $\sqrt{196} = 14$
48. $\sqrt{361} = 19$
49. $\sqrt{144} = 12$
50. $\sqrt{324} = 18$
51. $\sqrt{729} = 27$
52. $\sqrt{441} = 21$
53. $\sqrt{1,024} = 32$
54. $\sqrt{400} = 20$
55. $\sqrt{289} = 17$
56. $\sqrt[4]{16} = 2$
57. $\sqrt[4]{625} = 5$