

Name: _____

Date: _____

Scientific Notation

Grades 6 – 8 • 50 questions • Show your work

1. Write **8,800** in scientific notation. _____

2. Write **900,000** in scientific notation. _____

3. Write **58,000** in scientific notation. _____

4. $1.1 \times 10^5 =$ _____

5. Write **170** in scientific notation. _____

6. $1.9 \times 10^3 =$ _____

7. $3.5 \times 10^3 =$ _____

8. Write **5,700** in scientific notation. _____

9. $5.2 \times 10^5 =$ _____

10. $6.1 \times 10^2 =$ _____

11. $4.6 \times 10^2 =$ _____

12. Write **7,200** in scientific notation. _____

13. Write **92,000** in scientific notation. _____

14. $4 \times 10^3 =$ _____

15. Write **290,000** in scientific notation. _____

16. $8.3 \times 10^5 =$ _____

17. $5.9 \times 10^4 =$ _____

18. $1.2 \times 10^5 =$ _____

19. $5.6 \times 10^2 =$ _____

20. Write **3,800** in scientific notation. _____

21. Write **760** in scientific notation. _____

22. Write **730** in scientific notation. _____

23. $2 \times 10^4 =$ _____

24. $2.1 \times 10^4 =$ _____

25. Write **62,000** in scientific notation. _____

26. $8 \times 10^3 =$ _____

27. $9 \times 10^4 =$ _____

28. Write **570,000** in scientific notation. _____

29. $6.1 \times 10^3 =$ _____

30. Write **270** in scientific notation. _____

31. $7.8 \times 10^3 =$ _____

32. $8.3 \times 10^2 =$ _____

33. $7.6 \times 10^3 =$ _____

34. Write **7,700** in scientific notation. _____

35. Write **21,000** in scientific notation. _____

36. Write **8,200** in scientific notation. _____

37. Write **510** in scientific notation. _____

38. $3.8 \times 10^5 =$ _____

39. $2.9 \times 10^2 =$ _____

40. Write **80,000** in scientific notation. _____

41. Write **360,000** in scientific notation. _____

42. $7.8 \times 10^5 =$ _____

43. Write **99,000** in scientific notation. _____

44. Write **4,100** in scientific notation. _____

45. $6.5 \times 10^3 =$ _____

46. $4.6 \times 10^5 =$ _____

47. $8.5 \times 10^4 =$ _____

48. $2.3 \times 10^5 =$ _____

49. $9 \times 10^2 =$ _____

50. Write **880** in scientific notation. _____

Answer Key – Scientific Notation

1. 8.8×10^3

2. 9×10^5

3. 5.8×10^4

4. 110,000

5. 1.7×10^2

6. 1,900

7. 3,500

8. 5.7×10^3

9. 520,000

10. 610

11. 460

12. 7.2×10^3

13. 9.2×10^4

14. 4,000

15. 2.9×10^5

16. 830,000

17. 59,000

18. 120,000

19. 560

20. 3.8×10^3

21. 7.6×10^2

22. 7.3×10^2

23. 20,000

24. 21,000

25. 6.2×10^4

26. 8,000

27. 90,000

28. 5.7×10^5

29. 6,100

30. 2.7×10^2

31. 7,800

32. 830

33. 7,600

34. 7.7×10^3

35. 2.1×10^4

36. 8.2×10^3

37. 5.1×10^2

38. 380,000

39. 290

40. 8×10^4

41. 3.6×10^5

42. 780,000

43. 9.9×10^4

44. 4.1×10^3

45. 6,500

46. 460,000

47. 85,000

48. 230,000

49. 900

50. 8.8×10^2
