

Name: _____

Date: _____

Scientific Notation Operations

Grades 6 – 8 • 50 questions • Show your work

1. $(8 \times 10^5) \div (4 \times 10^2) =$ _____

2. $(6 \times 10^4) \div (3 \times 10^2) =$ _____

3. $(4 \times 10^4) \times (2 \times 10^4) =$ _____

4. $(4 \times 10^2) \times (2 \times 10^3) =$ _____

5. $(8 \times 10^4) \div (4 \times 10^3) =$ _____

6. $(6 \times 10^4) \div (3 \times 10^3) =$ _____

7. $(2 \times 10^3) \times (2 \times 10^2) =$ _____

8. $(8 \times 10^7) \div (4 \times 10^3) =$ _____

9. $(9 \times 10^8) \div (3 \times 10^4) =$ _____

10. $(4 \times 10^5) \times (2 \times 10^5) =$ _____

11. $(3 \times 10^2) \times (3 \times 10^4) =$ _____

12. $(3 \times 10^5) \times (2 \times 10^5) =$ _____

13. $(8 \times 10^5) \div (2 \times 10^3) =$ _____

14. $(8 \times 10^7) \div (4 \times 10^4) =$ _____

15. $(9 \times 10^7) \div (3 \times 10^3) =$ _____

16. $(4 \times 10^3) \times (2 \times 10^3) =$ _____

17. $(4 \times 10^3) \times (2 \times 10^4) =$ _____

18. $(9 \times 10^3) \div (3 \times 10^2) =$ _____

19. $(3 \times 10^3) \times (2 \times 10^2) =$ _____

20. $(3 \times 10^3) \times (3 \times 10^3) =$ _____

21. $(8 \times 10^4) \div (4 \times 10^2) =$ _____

22. $(4 \times 10^2) \times (2 \times 10^5) =$ _____

23. $(2 \times 10^2) \times (4 \times 10^3) =$ _____

24. $(2 \times 10^3) \times (3 \times 10^2) =$ _____

25. $(6 \times 10^8) \div (3 \times 10^4) =$ _____

26. $(4 \times 10^5) \div (2 \times 10^2) =$ _____

27. $(8 \times 10^5) \div (4 \times 10^4) =$ _____

28. $(2 \times 10^4) \times (3 \times 10^3) =$ _____

29. $(3 \times 10^5) \times (2 \times 10^3) =$ _____

30. $(8 \times 10^7) \div (2 \times 10^3) =$ _____

31. $(4 \times 10^5) \times (2 \times 10^4) =$ _____

32. $(3 \times 10^4) \times (3 \times 10^4) =$ _____

33. $(3 \times 10^4) \times (2 \times 10^5) =$ _____

34. $(9 \times 10^7) \div (3 \times 10^4) =$ _____

35. $(2 \times 10^2) \times (4 \times 10^4) =$ _____

36. $(8 \times 10^6) \div (2 \times 10^3) =$ _____

37. $(3 \times 10^5) \times (3 \times 10^2) =$ _____

38. $(3 \times 10^5) \times (2 \times 10^2) =$ _____

39. $(6 \times 10^6) \div (2 \times 10^2) =$ _____

40. $(6 \times 10^5) \div (2 \times 10^4) =$ _____

41. $(6 \times 10^6) \div (3 \times 10^4) =$ _____

42. $(2 \times 10^5) \times (3 \times 10^2) =$ _____

43. $(4 \times 10^5) \div (2 \times 10^4) =$ _____

44. $(4 \times 10^2) \times (2 \times 10^4) =$ _____

45. $(2 \times 10^2) \times (2 \times 10^5) =$ _____

46. $(2 \times 10^3) \times (4 \times 10^3) =$ _____

47. $(9 \times 10^6) \div (3 \times 10^2) =$ _____

48. $(3 \times 10^2) \times (3 \times 10^3) =$ _____

49. $(2 \times 10^3) \times (2 \times 10^4) =$ _____

50. $(6 \times 10^8) \div (2 \times 10^4) =$ _____

Answer Key — Scientific Notation Operations

1. 2×10^3

2. 2×10^2

3. 8×10^8

4. 8×10^5

5. 2×10^1

6. 2×10^1

7. 4×10^5

8. 2×10^4

9. 3×10^4

10. 8×10^{10}

11. 9×10^6

12. 6×10^{10}

13. 4×10^2

14. 2×10^3

15. 3×10^4

16. 8×10^6

17. 8×10^7

18. 3×10^1

19. 6×10^5

20. 9×10^6

21. 2×10^2

22. 8×10^7

23. 8×10^5

24. 6×10^5

25. 2×10^4

26. 2×10^3

27. 2×10^1

28. 6×10^7

29. 6×10^8

30. 4×10^4

31. 8×10^9

32. 9×10^8

33. 6×10^9

34. 3×10^3

35. 8×10^6

36. 4×10^3

37. 9×10^7

38. 6×10^7

39. 3×10^4

40. 3×10^1

41. 2×10^2

42. 6×10^7

43. 2×10^1

44. 8×10^6

45. 4×10^7

46. 8×10^6

47. 3×10^4

48. 9×10^5

49. 4×10^7

50. 3×10^4
