

Name: _____

Date: _____

Multiply and divide in sci. notation

Write each answer in scientific notation.

1. $(3.1 \times 10^{-1})(2 \times 10^1) =$ _____

11. $(6 \times 10^{-2}) \div (4 \times 10^{-4}) =$ _____

2. $(2.6 \times 10^{-1})(3 \times 10^3) =$ _____

12. $(7.8 \times 10^5) \div (3 \times 10^{-3}) =$ _____

3. $(1.1 \times 10^{-2})(3 \times 10^{-3}) =$ _____

13. $(1 \times 10^3)(5 \times 10^{-1}) =$ _____

4. $(8.4 \times 10^6) \div (4 \times 10^{-3}) =$ _____

14. $(1.6 \times 10^{-2})(6 \times 10^{-1}) =$ _____

5. $(4.4 \times 10^0) \div (4 \times 10^{-4}) =$ _____

15. $(4.5 \times 10^{-4}) \div (3 \times 10^1) =$ _____

6. $(8.4 \times 10^0) \div (4 \times 10^3) =$ _____

16. $(3.9 \times 10^6) \div (3 \times 10^{-3}) =$ _____

7. $(3.4 \times 10^5)(2 \times 10^4) =$ _____

17. $(5.1 \times 10^3) \div (3 \times 10^{-1}) =$ _____

8. $(1 \times 10^{-4})(2 \times 10^0) =$ _____

18. $(4.4 \times 10^{-2})(2 \times 10^6) =$ _____

9. $(8.5 \times 10^5) \div (5 \times 10^0) =$ _____

19. $(2 \times 10^{-1})(3 \times 10^2) =$ _____

10. $(1.6 \times 10^5)(4 \times 10^1) =$ _____

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

Exponents and Scientific Notation: Answer Key

1. 6.2×10^0

2. 7.8×10^2

3. 3.3×10^{-5}

4. 2.1×10^9

5. 1.1×10^4

6. 2.1×10^{-3}

7. 6.8×10^9

8. 2×10^{-4}

9. 1.7×10^5

10. 6.4×10^6

11. 1.5×10^2

12. 2.6×10^8

13. 5×10^2

14. 9.6×10^{-3}

15. 1.5×10^{-5}

16. 1.3×10^9

17. 1.7×10^4

18. 8.8×10^4

19. 6×10^1

20. 9×10^6