

Name: _____

Date: _____

Multiply and divide in sci. notation

Write each answer in scientific notation.

1. $(6 \times 10^5) \div (5 \times 10^{-3}) =$ _____

11. $(1.1 \times 10^1)(5 \times 10^6) =$ _____

2. $(7.5 \times 10^{-3}) \div (5 \times 10^3) =$ _____

12. $(8.7 \times 10^1) \div (3 \times 10^5) =$ _____

3. $(2.5 \times 10^4)(2 \times 10^1) =$ _____

13. $(4 \times 10^{-4}) \div (4 \times 10^2) =$ _____

4. $(6.6 \times 10^{-2}) \div (3 \times 10^{-1}) =$ _____

14. $(8 \times 10^5) \div (4 \times 10^5) =$ _____

5. $(1.9 \times 10^{-1})(2 \times 10^3) =$ _____

15. $(1.5 \times 10^1)(6 \times 10^0) =$ _____

6. $(1 \times 10^{-2})(3 \times 10^5) =$ _____

16. $(4.3 \times 10^{-3})(2 \times 10^{-4}) =$ _____

7. $(6.4 \times 10^{-3}) \div (4 \times 10^{-1}) =$ _____

17. $(2.1 \times 10^6)(4 \times 10^0) =$ _____

8. $(8 \times 10^{-3}) \div (4 \times 10^6) =$ _____

18. $(1.8 \times 10^6)(3 \times 10^6) =$ _____

9. $(1.5 \times 10^{-2})(5 \times 10^2) =$ _____

19. $(1.2 \times 10^{-1})(5 \times 10^0) =$ _____

10. $(1.5 \times 10^6)(5 \times 10^{-4}) =$ _____

20. $(7.2 \times 10^1) \div (4 \times 10^{-3}) =$ _____

Exponents and Scientific Notation: Answer Key

1. 1.2×10^8

2. 1.5×10^{-6}

3. 5×10^5

4. 2.2×10^{-1}

5. 3.8×10^2

6. 3×10^3

7. 1.6×10^{-2}

8. 2×10^{-9}

9. 7.5×10^0

10. 7.5×10^2

11. 5.5×10^7

12. 2.9×10^{-4}

13. 1×10^{-6}

14. 2×10^0

15. 9×10^1

16. 8.6×10^{-7}

17. 8.4×10^6

18. 5.4×10^{12}

19. 6×10^{-1}

20. 1.8×10^4