

Grade 8 Multiplying Numbers in Scientific Notation

Multiplication • Grade 8 • CCSS 8.EE.4

Name: _____

Date: _____

Multiply the coefficients, add the exponents, then rewrite the answer in scientific notation.

1. $(2.0 \times 10^8) \times (6.9 \times 10^5)$
=

2. $(8.8 \times 10^4) \times (4.5 \times 10^2)$
=

3. $(1.8 \times 10^4) \times (2.4 \times 10^2)$
=

4. $(4.0 \times 10^4) \times (8.8 \times 10^6)$
=

5. $(9.8 \times 10^7) \times (3.0 \times 10^2)$
=

6. $(6.5 \times 10^4) \times (2.4 \times 10^2)$
=

7. $(4.4 \times 10^4) \times (1.9 \times 10^2)$
=

8. $(9.9 \times 10^3) \times (2.0 \times 10^2)$
=

9. $(3.2 \times 10^2) \times (3.1 \times 10^3)$
=

10. $(3.9 \times 10^6) \times (7.0 \times 10^4) =$

11. $(4.1 \times 10^4) \times (6.0 \times 10^6) =$

12. $(3.0 \times 10^3) \times (5.1 \times 10^5) =$

13. $(2.4 \times 10^6) \times (4.5 \times 10^4) =$

14. $(2.1 \times 10^6) \times (3.6 \times 10^4) =$

15. $(3.5 \times 10^5) \times (1.8 \times 10^5) =$

16. $(4.5 \times 10^8) \times (3.2 \times 10^2) =$

Answer Key

Grade 8 Multiplying Numbers in Scientific Notation — Grade 8

1. 1.38×10^{14}

7. 8.36×10^6

13. 1.08×10^{11}

2. 3.96×10^7

8. 1.98×10^6

14. 7.56×10^{10}

3. 4.32×10^6

9. 9.92×10^5

15. 6.3×10^{10}

4. 3.52×10^{11}

10. 2.73×10^{11}

16. 1.44×10^{11}

5. 2.94×10^{10}

11. 2.46×10^{11}

6. 1.56×10^7

12. 1.53×10^9