

Grade 8 Multiplying Numbers in Scientific Notation

Integers • Grade 8 • Timed Drill • Set B • CCSS 8.EE.4

Name: _____

Date: _____

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

TIMED DRILL	Time: _____ min _____ sec	Score: _____ / 16
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1. $(6.8 \times 10^5) \times (1.4 \times 10^5)$
=

2. $(5.4 \times 10^2) \times (5.5 \times 10^3)$
=

3. $(7.9 \times 10^4) \times (1.1 \times 10^6)$
=

4. $(4.5 \times 10^4) \times (6.4 \times 10^6)$
=

5. $(5.6 \times 10^7) \times (4.0 \times 10^3)$
=

6. $(3.9 \times 10^5) \times (1.4 \times 10^5)$
=

7. $(6.5 \times 10^2) \times (1.1 \times 10^4)$
=

8. $(4.3 \times 10^2) \times (2.2 \times 10^4)$
=

9. $(2.7 \times 10^4) \times (2.9 \times 10^5)$
=

10. $(9.2 \times 10^3) \times (2.0 \times 10^4)$ =

11. $(1.5 \times 10^6) \times (4.0 \times 10^6)$ =

12. $(4.0 \times 10^7) \times (5.3 \times 10^5)$ =

13. $(7.5 \times 10^6) \times (5.4 \times 10^4)$ =

14. $(1.3 \times 10^2) \times (5.3 \times 10^3)$ =

15. $(1.5 \times 10^6) \times (6.6 \times 10^5)$ =

16. $(8.4 \times 10^4) \times (5.5 \times 10^8)$ =

Answer Key

Grade 8 Multiplying Numbers in Scientific Notation — Set B

1. 9.52×10^{10}

7. 7.15×10^6

13. 4.05×10^{11}

2. 2.97×10^6

8. 9.46×10^6

14. 6.89×10^5

3. 8.69×10^{10}

9. 7.83×10^9

15. 9.9×10^{11}

4. 2.88×10^{11}

10. 1.84×10^8

16. 4.62×10^{13}

5. 2.24×10^{11}

11. 6.0×10^{12}

6. 5.46×10^{10}

12. 2.12×10^{13}