

Grade 8 Practice 8.EE.A.3: Scientific Notation

www.jmap.org

NAME: _____

1. Write 75,800 in scientific notation.

[A] 0.758×10^5 [B] 75.8×10^3

[C] 7.58×10^4 [D] 758×10^2

2. Write 2,220,000 in scientific notation.

[A] 222×10^4 [B] 0.222×10^7

[C] 2.22×10^6 [D] 22.2×10^8

3. Write 713,000 in scientific notation.

4. Write 92,800 in scientific notation.

5. Write 5,640,000 in scientific notation.

6. Write 0.0121 in scientific notation.

[A] 0.121×10^{-3} [B] 121×10^{-4}

[C] 1.21×10^{-2} [D] 0.121×10^{-1}

7. Write 0.000346 in scientific notation.

[A] 0.346×10^{-5} [B] 346×10^{-6}

[C] 3.46×10^{-4} [D] 0.346×10^{-3}

8. Write 0.0000281 in scientific notation.

[A] 2.81×10^{-5} [B] 0.281×10^{-4}

[C] 0.281×10^{-6} [D] 281×10^{-7}

9. Write 0.000163 in scientific notation.

10. Write 0.00000534 in scientific notation.

11. Write 0.0000691 in scientific notation.

12. Which number is not written in scientific notation?

[A] 6.7×10^2 [B] 5.5555×10^{-24}

[C] 3×10^{-10} [D] 15.5×10^4

[E] 2.567×10^{-2}

Grade 8 Practice 8.EE.A.3: Scientific Notation

www.jmap.org

[1] C

[2] C

[3] 7.13×10^5

[4] 9.28×10^4

[5] 5.64×10^6

[6] C

[7] C

[8] A

[9] 1.63×10^{-4}

[10] 5.34×10^{-6}

[11] 6.91×10^{-5}

[12] D