

Tues Sept 2.

Grade 8 Practice 8.EE.A.3: Scientific Notation  
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NAME: \_\_\_\_\_

1. Write 75,800 in scientific notation.

- [A]  $0.758 \times 10^5$       [B]  $75.8 \times 10^3$   
[C]  $7.58 \times 10^4$       [D]  $758 \times 10^2$

7. Write 0.000346 in scientific notation.

- [A]  $0.346 \times 10^{-5}$       [B]  $346 \times 10^{-6}$   
[C]  $3.46 \times 10^{-4}$       [D]  $0.346 \times 10^{-3}$

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

- [A]  $222 \times 10^4$       [B]  $0.222 \times 10^7$   
[C]  $2.22 \times 10^6$       [D]  $22.2 \times 10^8$

8. Write 0.0000281 in scientific notation.

- [A]  $2.81 \times 10^{-5}$       [B]  $0.281 \times 10^{-4}$   
[C]  $0.281 \times 10^{-6}$       [D]  $281 \times 10^{-7}$

3. Write 713,000 in scientific notation.

9. Write 0.000163 in scientific notation.

4. Write 92,800 in scientific notation.

10. Write 0.00000534 in scientific notation.

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

11. Write 0.0000691 in scientific notation.

6. Write 0.0121 in scientific notation.

- [A]  $0.121 \times 10^{-3}$       [B]  $121 \times 10^{-4}$   
[C]  $1.21 \times 10^{-2}$       [D]  $0.121 \times 10^{-1}$

12. Which number is not written in scientific notation?

- [A]  $6.7 \times 10^2$       [B]  $5.5555 \times 10^{-24}$   
[C]  $3 \times 10^{-10}$       [D]  $15.5 \times 10^4$   
[E]  $2.567 \times 10^{-2}$