

Applying Exponent Rules:
Scientific Notation

1. Write each number in scientific notation.
(similar to p.365 #28)

315,000,000

2. Write each number in scientific notation.
(similar to p.365 #34)

0.000517

3. Write each number in scientific notation.
(similar to p.365 #42)

310

4. Write each number in decimal notation.
(similar to p.366 #56)

7.18×10^3

5. Write each number in decimal notation.
(similar to p.366 #60)

3.2×10^{-4}

6. Write each number in decimal notation.
(similar to p.366 #66)

$$7.8 \times 10^7$$

7. Perform the indicated operations. Express your answer in scientific notation.
(similar to p.366 #78)

$$(2 \times 10^{-2})(9 \times 10^{-3})$$

8. Perform the indicated operations. Express your answer in scientific notation.
(similar to p.366 #88)

$$\frac{30,000,000}{0.000005 \times 20,000}$$