

Name : _____

Score : _____

Scientific Notation

Express each number in scientific notation.

1) 0.0000000586 = _____

2) 256,950,000 = _____

3) 0.00000742 = _____

4) 586,200 = _____

5) 0.0000000000091 = _____

Express each number in standard notation.

6) 3.175×10^{10} = _____

7) 4.1×10^{-12} = _____

8) 2.03×10^{-9} = _____

9) 9.196×10^7 = _____

10) 7.82×10^{10} = _____

Name : _____

Score : _____

Answer key

Express each number in scientific notation.

1) 0.0000000586 = 5.86 × 10⁻⁸

2) 256,950,000 = 2.5695 × 10⁸

3) 0.00000742 = 7.42 × 10⁻⁶

4) 586,200 = 5.862 × 10⁵

5) 0.0000000000091 = 9.1 × 10⁻¹²

Express each number in standard notation.

6) 3.175×10^{10} = 31,750,000,000

7) 4.1×10^{-12} = 0.0000000000041

8) 2.03×10^{-9} = 0.0000000203

9) 9.196×10^7 = 91,960,000

10) 7.82×10^{10} = 78,200,000,000