

Unit 1, Video 4: Scientific Notation

1. Which of the following numbers follows the correct format for scientific notation? Circle the correct answer.

30.5×10^4 0.21×10^{-3} 303.5×10^5 2.09×10^{-3}

2. Which of the following numbers would you expect to have a negative exponent when written in scientific notation? Circle the correct answer.

3,025,000 2,050 0.00220 602.0

3. Fill out the table below with numbers in scientific or normal notation.

Normal Notation	Scientific Notation
402,000	
0.00589	
	2.08×10^4
	5.80×10^{-3}

4. True or False: Only significant figures will be included when a number is written in scientific notation.