Scientific Notation Quiz 1

1. What is 0.006 70 m in correct scientific notation?
   - 6.70×10^{-3} m
   - 6.70×10^{-3}
   - 6.70×10^{3}
   - 6.70×10^{3} m
   - none of the above

2. What is 1.59×10^{7} g in standard notation?
   - 0.000 000 159 g
   - 1 590 000 000 g
   - 15 900 000 g
   - 0.000 000 159
   - 1 590 000 000

3. What is 4.1×10^{-5} ns in standard notation?
   - 0.000 041 ns
   - 0.000 004 1 ns
   - 410 000 ns
   - 4 100 000 ns
   - none of the above

4. What is 350 000 mol in correct scientific notation?
   - 3.5×10^{-5} mol
   - 3.5×10^{-4} mol
   - 3.5×10^{4} mol
   - 3.5×10^{5} mol
   - none of the above

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5. In correct scientific notation, the number ten thousand would be ...
   - 1×10^{3}
   - 1×10^{4}
   - 1×10^{5}
   - 1×10^{-5}
   - 1×10^{-4}

6. In correct scientific notation, the number 1/1000 would be ...
   - 1×10^{4}
   - 1×10^{3}
   - 1×10^{-4}
   - 1×10^{-2}
   - 1×10^{-3}

7. In correct scientific notation, the number one-millionth would be ...
   - 1×10^{-6}
   - 1×10^{-7}
   - 1×10^{-5}
   - 1×10^{5}
   - 1×10^{6}

8. What is 5.6×10^{-7} s + 3.65×10^{-6} s?
   - 9.25×10^{-13} s
   - 9.25 s
   - 9.25×10^{-7} s
   - 4.21×10^{-6} s
   - none of the above

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9. What is 6.72×10^{5} g − 3.65×10^{3} g?
   - 668 350 g
   - 3.07×10^{2} g
   - 6.68×10^{2} g
   - 3.07×10^{8} g
   - none of the above

10. What is 3.5×10^{2} m x 4×10^{3} m?
   - 1.4×10^{6} m
   - 1.4×10^{5} m2
   - 14 m2
   - 1.4×10^{6} m2
   - none of the above