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Lecture Quiz To Accompany: Computing Basics II: Number Representations
Landau, Pàez & Bordeianu, Computational Physics, Wiley-VCH
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1. What is the problem with storing numbers exactly on a computer?
2. What is the meaning of binary?
3. What is the meaning of bit?
4. What is the meaning of byte?
5. Why are decimal numbers on a computer not as precise as binary numbers?
6. So why not use binary numbers for all calculations?
7. What is the meaning of overflow?
8. What is the meaning of underflow?
9. What is meant by scientific notation?
10. What is the difference between the mantissa and the exponent?
