Floating point: exact representation

1分

For a (binary) floating point system of the form $(s_1.s_2s_3)_2 \cdot 2^p$ that has an exponent range from -128 to 127 and that uses three bits to store the significand s, which of the following sets of numbers can be represented accuratedly, i.e. without rounding?

选项*

- The integers 1 through 10
- The integers 1 through 5
- 2^{200}
- 1/3

保存回答 提交最终回答