A1	Q2
	ay, September 20, 2021 11:28 PM
2	24/2 - 1 = 7
α.	
Ь.	_ e = 2 <sup>-5</sup>
C.	0.2.6.1.000002:0.0000012
	0. 27. 1.111112 = 111111002
d.	No, take for example 23010. In base, this is 11100110. Before mulliplying by the exponent this would recurred a normalized fraction of 1.1100110, which is impossible given our limitation of 5 bits
	in the fraction field. We would receive at least 6 bits.
C.	0. 2 <sup>-7</sup> · 0. 00001 · 0. 000000000001 <sub>2</sub> 0. 2 <sup>-7</sup> · 0. 11111 · 0. 00000011111 <sub>2</sub>
£	0 2 1 1.11111 2 = 11.1111 2
9	Round Down: -10.11102 = -2.875 10  Round Up: -10.1101 = -2.8125 10
	Rand Towards Zero: -10.11012
	Round Towards Nunceet: 10.1101 2