

3 77 23 12 71 34 3 23

### (a) Mini-Omni

how are you ε ε ε ε ε ε

ε 3 77 23 ε ε 12 71

### (b) LLaMA-Omni

how ε ε ε ε are ε ε ε ε

3 77 23 12 71 34 3 23

### (c) Moshi

how ε ε are ε you ε ε ε

how 12 71 you 16 3 88 15

### (d) SpiRit-LM