

I Got Rhythm - Mathematics and music

MEI Conference

Thursday 2nd July 2026

Session B

13:45 – 14:45

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Handout

Identify a musical connection for each of these numbers

- 440
- 12
- 251
- 88
- 1645
- 1812
- $\frac{3}{4}$
- 2, 3, 5, 8, 13, ...

Starting with A at 440 Herz complete the frequencies in the table using fifths and an 'equal temper'.

Note	From fifths	Equal Temper
A	440	440
B		
C#		
D		
E	660	
F#		
G#		
A	880	880

Sketch the ADSR Envelope for a single note played on

1. Organ
2. Violin
3. Piano
4. Flute
5. Gong
6. Triangle
7. Other?

