

By creating fraction / rhythm charts students can easier grasp both concepts. Some students will naturally gravitate to one system or the other while learning the other. Teachers can create fraction quizzes purely in musical notation. Basic examples:

$$1/16 + 1/16 + 1/16 + 1/16 = 1$$



$$1/8 + 1/8 = 1/4$$



Once students have an understanding of the relationship between rhythmic notation and fractions, mathematical problems can be created mixing the two notation systems:

1. Provide a number for the following question:

$$\text{Quarter Note} + \text{Quarter Note} + \text{Eighth Note} = \text{[Grey Box]}$$

2. Provide musical notation for the following question:

$$\frac{1}{8} + \frac{1}{16} + \frac{1}{16} = \text{[Grey Box]}$$

3. Provide a number for the following question:

$$\text{Quarter Note} + \frac{1}{8} + \text{Quarter Note} = \text{[Grey Box]}$$