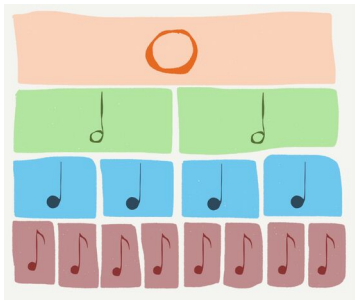


A FRACTION MUSICAL!

LEARNER WORKSHEET



THE SEMIBREVE

This is worth four beats, and so is a whole fraction.



THE CROTCHET

This is worth one beat, and so is a quarter fraction.



THE MINIM

This is worth two beats, and so is a half fraction.



THE QUAVER

This is worth half a beat, and so is an eighth fraction.



Complete the following:

1. $\text{Crotchet} = \frac{\quad}{2} = \frac{2}{\quad} = \text{---}$

3. $\text{Crotchet} = \frac{1}{\quad} = \frac{\quad}{16} = \text{---}$

2. $\text{Semibreve} = \frac{\quad}{4} = \frac{1}{\quad} = \text{---}$

4. $\text{Crotchet} = \frac{\quad}{4} = \frac{3}{\quad} = \text{---}$

$$\begin{aligned} \text{Dotted Crotchet} &= \text{Crotchet} + \text{Quaver} \\ &= \frac{1}{4} + \frac{1}{8} \end{aligned}$$

DOTTED NOTES

A dot is often added to notes to make them last longer. To find the value of a dotted note we must add the value of the note (without a dot) and the value of the note that is half its length. In this example of a dotted crotchet, we need to add a crotchet and a quaver.

Calculate these dotted notes. Remember to show your working!

1. $\text{Dotted Minim} =$

3. $\text{Dotted Semibreve} =$

2. $\text{Dotted Crotchet} =$

4. $\text{Dotted Quaver} =$

FIND THE MISSING BAR LINES

For the pieces of music below, work out where you should draw bar lines to make each bar add up to 1.

Example:

The example shows a single musical staff in 4/4 time with a treble clef. The melody consists of quarter notes: G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4. Three vertical red lines are placed between the notes to indicate bar boundaries: one after the third note, one after the sixth note, and one after the ninth note. This divides the staff into three bars, each containing three quarter notes, which sum to a total duration of 1 bar.

- 1.
- 2.
- 3.
- 4.
- 5.

MAKE YOUR OWN MUSIC!

Some of these pieces of music are missing notes. Work out what fraction is missing and add some notes to make the bars add up to 1 again!

- 1.
- 2.
- 3.
- 4.
- 5.