

6

Note Values

So far, we have explored two of the three main elements of music: melody and harmony. Both of these elements involve arranging notes according to various patterns and formulas to form scales and chords. In order to actually perform a piece of music, however, it is also essential to arrange these notes in the context of time; that is, it is necessary to know when and for how long to play them. This brings us to the topic of *rhythm*—or, how pitches are placed in time.

Beats and Meter

Ordinary clock time is divided into various units of measure, of which the smallest is one second. Musical time is also divided into units of measure, of which the smallest is the *beat*—the underlying, regular rhythm of a piece of music. Just as seconds are grouped into minutes, repetitive patterns of strong (accented) and weak (unaccented) beats form the *meter*, or overall rhythmic feeling, of a piece of music. The meter usually consists of groups of 2, 3, or 4 beats, with the first beat of each group being the strongest, and this pattern usually repeats the same throughout a piece of music in order to provide a consistent background for the melody and harmony. To notate rhythms on the staff, groups of beats are set apart from each other by vertical lines called *bar lines*, drawn at the end of the first beat of each group. The spaces between the lines are called *measures* or *bars*.

Fig. 1: bar lines and measures



Within the context of the meter, the duration of each individual pitch is indicated by means of two sets of symbols: symbols for sound (*notes*) and symbols for silence (*rests*). The durations of notes and rests are most easily understood in relation to the most common metric grouping, four beats in a measure.

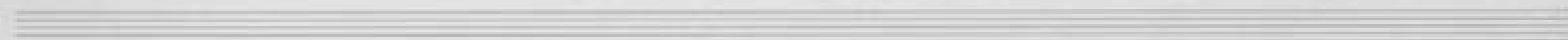
A note that occupies a whole measure of four beats is called a *whole note*. It looks like an empty oval resting on its side. Its equivalent rest is the *whole rest*, which is suspended from the fourth line of the staff.

Fig. 2: whole note and whole rest



EXERCISE 1

Practice drawing whole notes and rests.



Harmony And Theory A Comprehensive Source For All Musicians

Jianjun Gao



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