

# LESSON 20

Date: \_\_\_\_\_

In music, an INTERVAL is the distance between two notes. HARMONIC INTERVALS are intervals where two notes are played at the same time.

The SIZE of an interval is measured by counting the number of lines and spaces between the two notes, including the two notes.

A musical staff with a treble clef. Two notes are shown: F on the first line (labeled '1') and C on the fourth line (labeled '5'). The interval between them is labeled '5'. To the right, a vertical scale of notes is shown: G, F, E, D, C, B, A, G, F, E, D, C, B, A. An upward-pointing arrow is between the C and F notes, with 'C' above it and 'F' below it.

Here is an example of the 8 different distances that you will study in this lesson.

A musical staff with a treble clef. Eight pairs of notes are shown, each pair representing a different interval. The intervals are labeled below the staff: 1\*, 2, 3, 4, 5, 6, 7, and 8 diamond.

\*This interval is called *unison*.

◇This interval is called an *octave*.

# PRACTICE

1. Determine the size of each of the following harmonic intervals.

Three staves of musical notation in treble clef, each containing six measures. The intervals and their handwritten numbers are as follows:

- Staff 1:
  - Measure 1: G4 (treble clef) and F4 (bass clef) → 6
  - Measure 2: G4 and A4 → 3
  - Measure 3: G4 and E4 → 5
  - Measure 4: G4 and C5 → 8
  - Measure 5: G4 and F4 → 2
  - Measure 6: G4 and A4 → 1
- Staff 2:
  - Measure 1: G4 and F4 → 4
  - Measure 2: G4 and A4 → 7
  - Measure 3: G4 and E4 → 6
  - Measure 4: G4 and C5 → 8
  - Measure 5: G4 and F4 → 7
  - Measure 6: G4 and A4 → 4
- Staff 3:
  - Measure 1: G4 and F4 → 6
  - Measure 2: G4 and A4 → 2
  - Measure 3: G4 and E4 → 4
  - Measure 4: G4 and C5 → 8
  - Measure 5: G4 and F4 → 5
  - Measure 6: G4 and A4 → 3

2. Write the following intervals above each note to form harmonic intervals.

Two staves of musical notation in treble clef, each containing seven measures. The intervals and their handwritten numbers are as follows:

- Staff 1:
  - Measure 1: G4 and A4 → 2
  - Measure 2: G4 and F4 → 7
  - Measure 3: G4 and E4 → 3
  - Measure 4: G4 and C5 → 5
  - Measure 5: G4 and F4 → 4
  - Measure 6: G4 and A4 → 8
  - Measure 7: G4 and A4 → 1
- Staff 2:
  - Measure 1: G4 and F4 → 6
  - Measure 2: G4 and A4 → 7
  - Measure 3: G4 and E4 → 2
  - Measure 4: G4 and C5 → 4
  - Measure 5: G4 and F4 → 4
  - Measure 6: G4 and A4 → 2
  - Measure 7: G4 and A4 → 3