

# LESSON 12

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

## COMPOUND TRIPLE TIME (**STRONG** WEAK WEAK: **S**WW **W**WW **W**WW)

**9** 9 pulses in a bar: 3 beats in a bar, 3 pulses in a beat

**4** the quarter note gets one pulse

Multiple Level      Beat Level      Principle Division (compounding) Level

Second Division Level

Third Division Level

**9** 9 pulses in a bar: 3 beats in a bar, 3 pulses in a beat

**8** the eighth note gets one pulse

Multiple Level      Beat Level      Principle Division (compounding) Level

Second Division Level

Third Division Level

**9** 9 pulses in a bar: 3 beats in a bar, 3 pulses in a beat

**16** the sixteenth note gets one pulse



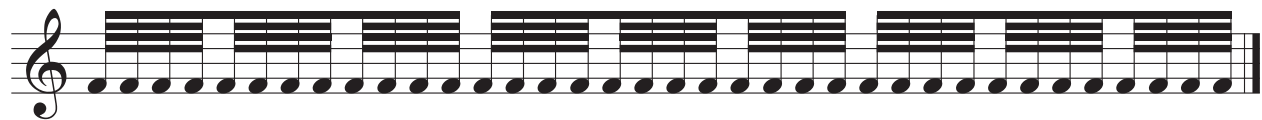
Multiple Level

Beat Level

Principle Division (compounding)  
Level



Second Division Level



Third Division Level

COMPOUND QUADRUPLE TIME (**STRONG** WEAK WEAK WEAK: **SWW WWW MWW WWW**)

**12** 12 pulses in a bar: 4 beats in a bar, 3 pulses in a beat

**4** the quarter note gets one pulse



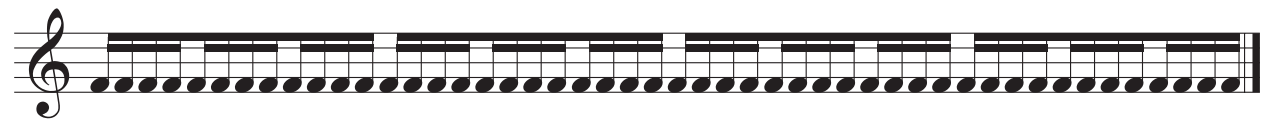
Multiple Level

Beat Level

Principle Division (compounding)  
Level



Second Division Level



Third Division Level

**12** 12 pulses in a bar: 4 beats in a bar, 3 pulses in a beat

**8** the eighth note gets one pulse

Musical staff in 12/8 time signature. The first measure contains a whole note. The second measure contains four quarter notes. The third measure contains a triplet of eighth notes. Below the staff are three boxes: "Multiple Level" under the first measure, "Beat Level" under the second measure, and "Principle Division (compounding) Level" under the third measure.

Musical staff in 12/8 time signature showing the second division level. The first measure contains a whole note. The second measure contains four quarter notes. The third measure contains a triplet of eighth notes. A box labeled "Second Division Level" spans the entire staff.

Musical staff in 12/8 time signature showing the third division level. The first measure contains a whole note. The second measure contains four quarter notes. The third measure contains a triplet of eighth notes. A box labeled "Third Division Level" spans the entire staff.

**12** 12 pulses in a bar: 4 beats in a bar, 3 pulses in a beat

**16** the sixteenth note gets one pulse

Musical staff in 12/16 time signature. The first measure contains a whole note. The second measure contains four quarter notes. The third measure contains a triplet of eighth notes. Below the staff are three boxes: "Multiple Level" under the first measure, "Beat Level" under the second measure, and "Principle Division (compounding) Level" under the third measure.

Musical staff in 12/16 time signature showing the second division level. The first measure contains a whole note. The second measure contains four quarter notes. The third measure contains a triplet of eighth notes. A box labeled "Second Division Level" spans the entire staff.

Musical staff in 12/16 time signature showing the third division level. The first measure contains a whole note. The second measure contains four quarter notes. The third measure contains a triplet of eighth notes. A box labeled "Third Division Level" spans the entire staff.

## TUPLETS

In music, a tuplet [duplet (2), triplet (3), quadruplet (4), quintuplet (5), sextuplet (6), septuplet (7), etc.] is any rhythm that involves dividing the beat into a different number of equal subdivisions from that permitted by the time signature. The most commonly occurring simple time tuplet is the triplet. The most commonly occurring compound time tuplet is the duplet. Eighth note tuplets are given as examples here, however, the same applies to half, quarter, 16th, etc., where the time signature allows.

### Duplet

- two notes played in the same time as three notes of the same value
- more common in compound time



### Triplet

- three notes played in the same time as two notes of the same value
- found in simple and compound time
- refer to Level 3: Lesson 6



### Quadruplet

- four notes played in the same time as three notes of the same value
- more common in compound time



### Quintuplet/Sextuplet/Septuplet

- in **simple time**, five/six/seven notes played in the same time as four notes of the same value



- observe the pattern of tuplets in simple time:

- in **compound time**, these tuplets do not follow as consistent a pattern, i.e. quintuplets and septuplets can often be played in the same time as three or six notes of the same value



- To determine the value of a tuplet, especially those higher than 4, examine the tuplet within the context of an entire bar. The tuplet will fill the remaining beats, or partial beats, required to complete the bar.

# PRACTICE

1. Add bar lines to the following musical excerpts.

Musical staff 1: Treble clef, 12/8 time signature. A sequence of eighth notes with a '2' above the second measure.

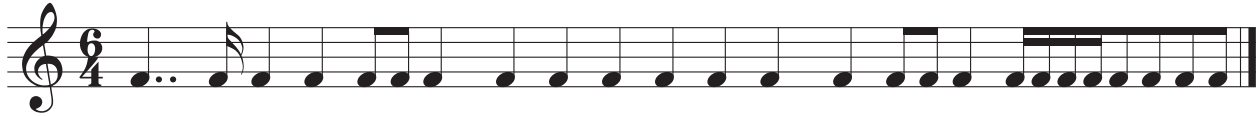
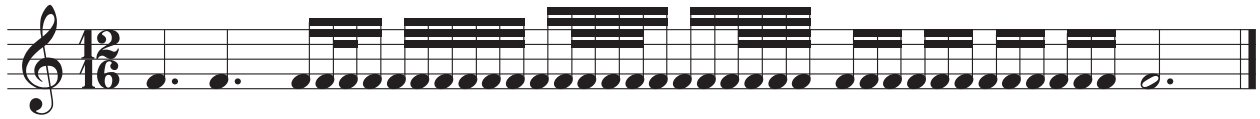
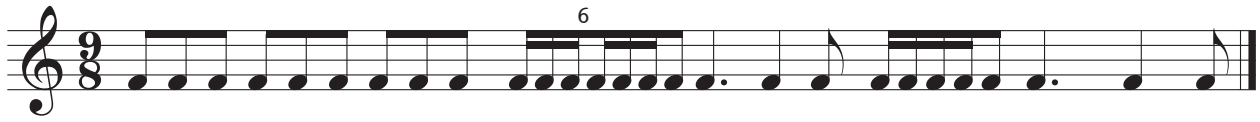
Musical staff 2: Treble clef, 6/16 time signature. A sequence of eighth notes with a '3' above the first measure.

Musical staff 3: Treble clef, 9/4 time signature. A sequence of eighth notes with a '4' above the eighth measure.

Musical staff 4: Treble clef, 6/8 time signature. A sequence of eighth notes.

Musical staff 5: Treble clef, 9/16 time signature. A sequence of eighth notes with a '5' above the fifth measure.

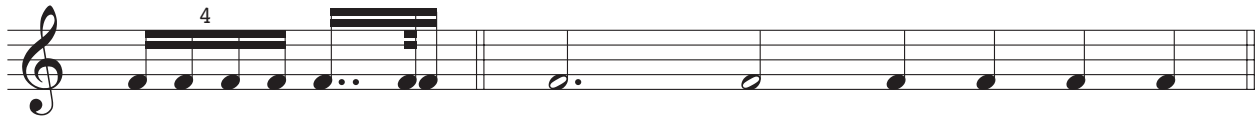
Musical staff 6: Treble clef, 12/4 time signature. A sequence of eighth notes with a '7' above the seventh measure.



2. Add time signatures to the following one-bar musical excerpts. Choices will include all compound meters studied in Level 4. Each time signature will only be used once. The chart below will help you organize your selections.

Duple Meter:	<b>6</b> <b>4</b>	<b>6</b> <b>8</b>	<b>6</b> <b>16</b>
Triple Meter:	<b>9</b> <b>4</b>	<b>9</b> <b>8</b>	<b>9</b> <b>16</b>
Quadruple Meter:	<b>12</b> <b>4</b>	<b>12</b> <b>8</b>	<b>12</b> <b>16</b>





3. Add stems, dots, beams, and/or flags to each of the following one-bar rhythms to reflect the given time signature. Where applicable, beam according to beat groups.

