

## Simple and Compound Time Signatures: Worksheet 1

Dr. Paula J. Telesco, University of Massachusetts Lowell

Each single note or tied-note pair below equals either 1, 2, 3, or 4 beats in the given time signature. In the space next to each, identify the number of beats.

### I. Simple Meters (Remember, in a simple meter, the bottom number is the beat unit.)

$\frac{2}{16}$  ♪ \_\_\_\_\_     $\frac{2}{8}$  ♪ \_\_\_\_\_     $\frac{2}{8}$  ♪ \_\_\_\_\_     $\frac{2}{4}$  ♪ \_\_\_\_\_     $\frac{2}{4}$  ♫ \_\_\_\_\_     $\frac{2}{2}$  ♫ \_\_\_\_\_     $\frac{2}{2}$  ○ \_\_\_\_\_  
 $\frac{3}{16}$  ♪ \_\_\_\_\_     $\frac{3}{8}$  ♪ \_\_\_\_\_     $\frac{3}{8}$  ♪ \_\_\_\_\_     $\frac{3}{4}$  ♫ \_\_\_\_\_     $\frac{3}{4}$  ♫ \_\_\_\_\_     $\frac{3}{2}$  ○ \_\_\_\_\_     $\frac{3}{2}$  ○ \_\_\_\_\_  
 $\frac{4}{16}$  ♪ \_\_\_\_\_     $\frac{4}{8}$  ♪ \_\_\_\_\_     $\frac{4}{8}$  ♫ \_\_\_\_\_     $\frac{4}{4}$  ♫ \_\_\_\_\_     $\frac{4}{4}$  ○ \_\_\_\_\_     $\frac{4}{2}$  ○ \_\_\_\_\_     $\frac{4}{2}$  ○ \_\_\_\_\_     $\frac{4}{2}$  ||| \_\_\_\_\_

### II. Compound Meters (Remember, in a compound meter, the bottom number is the *division* of the beat, not the beat.)

a) 8 or 16 as the bottom number:

$\frac{6}{16}$  ♪ \_\_\_\_\_     $\frac{6}{16}$  ♪ \_\_\_\_\_                       $\frac{6}{8}$  ♪ \_\_\_\_\_     $\frac{6}{8}$  ♫ \_\_\_\_\_  
 $\frac{9}{16}$  ♪ \_\_\_\_\_     $\frac{9}{16}$  ♫ \_\_\_\_\_     $\frac{9}{16}$  ♪. ♫ \_\_\_\_\_                       $\frac{9}{8}$  ♪ \_\_\_\_\_     $\frac{9}{8}$  ♫ \_\_\_\_\_     $\frac{9}{8}$  ♪. ♫ \_\_\_\_\_  
 $\frac{12}{16}$  ♪ \_\_\_\_\_     $\frac{12}{16}$  ♫ \_\_\_\_\_     $\frac{12}{16}$  ♪. ♫ \_\_\_\_\_     $\frac{12}{16}$  ♫ \_\_\_\_\_     $\frac{12}{8}$  ♪ \_\_\_\_\_     $\frac{12}{8}$  ♫ \_\_\_\_\_     $\frac{12}{8}$  ♪. ♫ \_\_\_\_\_     $\frac{12}{8}$  ○ \_\_\_\_\_

b) 4 or 2 as the bottom number:

$\frac{6}{4}$  ♫ \_\_\_\_\_     $\frac{6}{4}$  ○ \_\_\_\_\_                       $\frac{6}{2}$  ○ \_\_\_\_\_     $\frac{6}{2}$  ||| \_\_\_\_\_  
 $\frac{9}{4}$  ♫ \_\_\_\_\_     $\frac{9}{4}$  ○ \_\_\_\_\_     $\frac{9}{4}$  ○. ♫ \_\_\_\_\_                       $\frac{9}{2}$  ○ \_\_\_\_\_     $\frac{9}{2}$  ||| \_\_\_\_\_     $\frac{9}{2}$  |||. ○ \_\_\_\_\_  
 $\frac{12}{4}$  ♫ \_\_\_\_\_     $\frac{12}{4}$  ○ \_\_\_\_\_     $\frac{12}{4}$  ○. ♫ \_\_\_\_\_     $\frac{12}{4}$  ||| \_\_\_\_\_     $\frac{12}{2}$  ○ \_\_\_\_\_     $\frac{12}{2}$  ||| \_\_\_\_\_     $\frac{12}{2}$  |||. ○ \_\_\_\_\_     $\frac{12}{2}$  |||. ♫ \_\_\_\_\_