



2 Minute Music Theory**4.1**

Everyone can be great . . . You only need a heart full of grace, a soul generated by love.

Rev. Dr. Martin Luther King. Jr.



A **dot** may be added to a note to increase its value.

A dot equals $\frac{1}{2}$ the value of the original note.

In $\frac{4}{4}$ time, a  (quarter note) equals one beat. If a dot is added to the note  the value increases to $1\frac{1}{2}$ beats.



Quarter note = 1 beat + dot = half the value of the note (1) which is $\frac{1}{2}$
 $1 + \frac{1}{2} = 1\frac{1}{2}$

In $\frac{4}{4}$ time, a  (half note) equals two beats. If a dot is added to the note  the value increases to 3 beats.









half note = 2 beats + dot = half the value of the note (2) which is 1
 $2 + 1 = 3$




Fill in the blank.

A dot equals $\frac{1}{2}$ the value of the original note_____.


Answer the next three questions for $\frac{4}{4}$ meter.

A  = 1 beats so a dot  will = $\frac{1}{2}$ beats making a  = $1\frac{1}{2}$ beats

A  = 2 beats so a dot  will = 1 beats making a  = 3 beats





A  = $\frac{1}{2}$ beats so a dot  will = $\frac{1}{4}$ beats making a  = $\frac{3}{4}$ beats

Add the beats for each set of notes

 +  +  +  = 6 beats

 +  +  +  = 7 beats

 +  +  +  = 6 beats

 +  +  +  = $9\frac{1}{2}$ beats