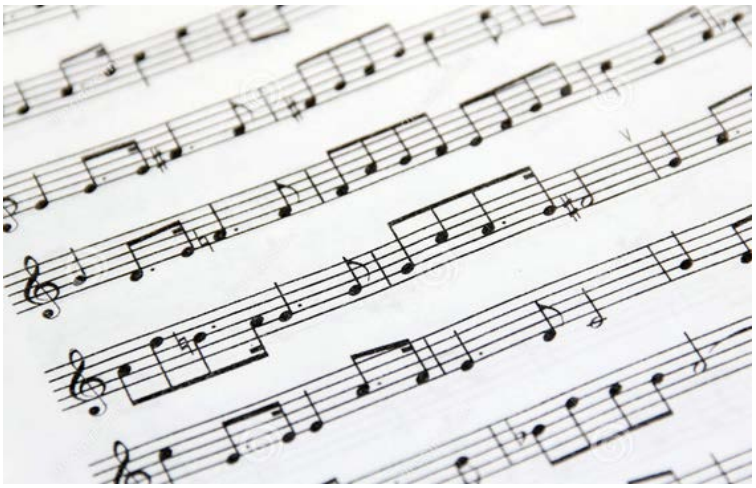
Making Music



Music is written using different notes.

Each note is worth a certain amount of time.

The music is divided into bars. Each bar lasts a fixed length of time. Vertical lines down each stave show where the bars start and finish.

Task 1

Look at the musical fraction wall on the next page and use it to show the length of time each of the following types of note is worth.

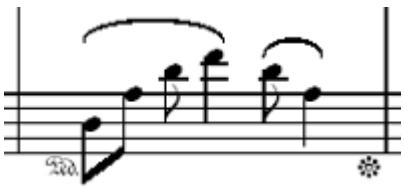
Note	Symbol	Fraction of a whole note	Note	Symbol	Fraction of a whole note
Crotchet			Semi-quaver		
Minim			Semi-breve		
Quaver					

When two or more quavers or semi-quavers are next to each other you can link them together like this:

Task 2

Look at the different examples of music on the following pages.
Use the fraction wall to work out the fraction of a whole note each bar is worth – you will need to add together your fractions, and simplify them if you can.
Remember – fractions need to be over the same denominator for you to add them.

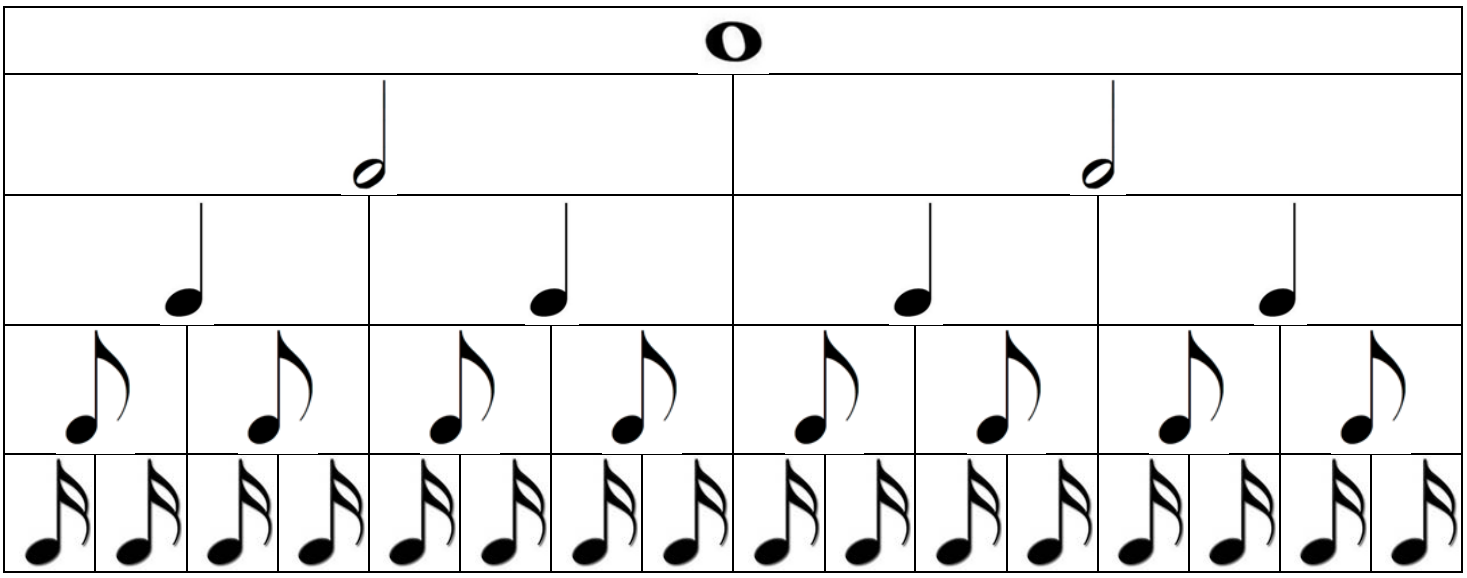
Example:

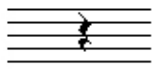
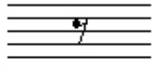
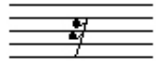


$$\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{4}+\frac{1}{8}+\frac{1}{4}=\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{\quad}{8}+\frac{1}{8}+\frac{\quad}{8}=\frac{\quad}{8}=$$

Musical Fraction Wall…

1															
$\frac{1}{2}$								$\frac{1}{2}$							
$\frac{1}{4}$				$\frac{1}{4}$				$\frac{1}{4}$				$\frac{1}{4}$			
$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$	
$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{16}$

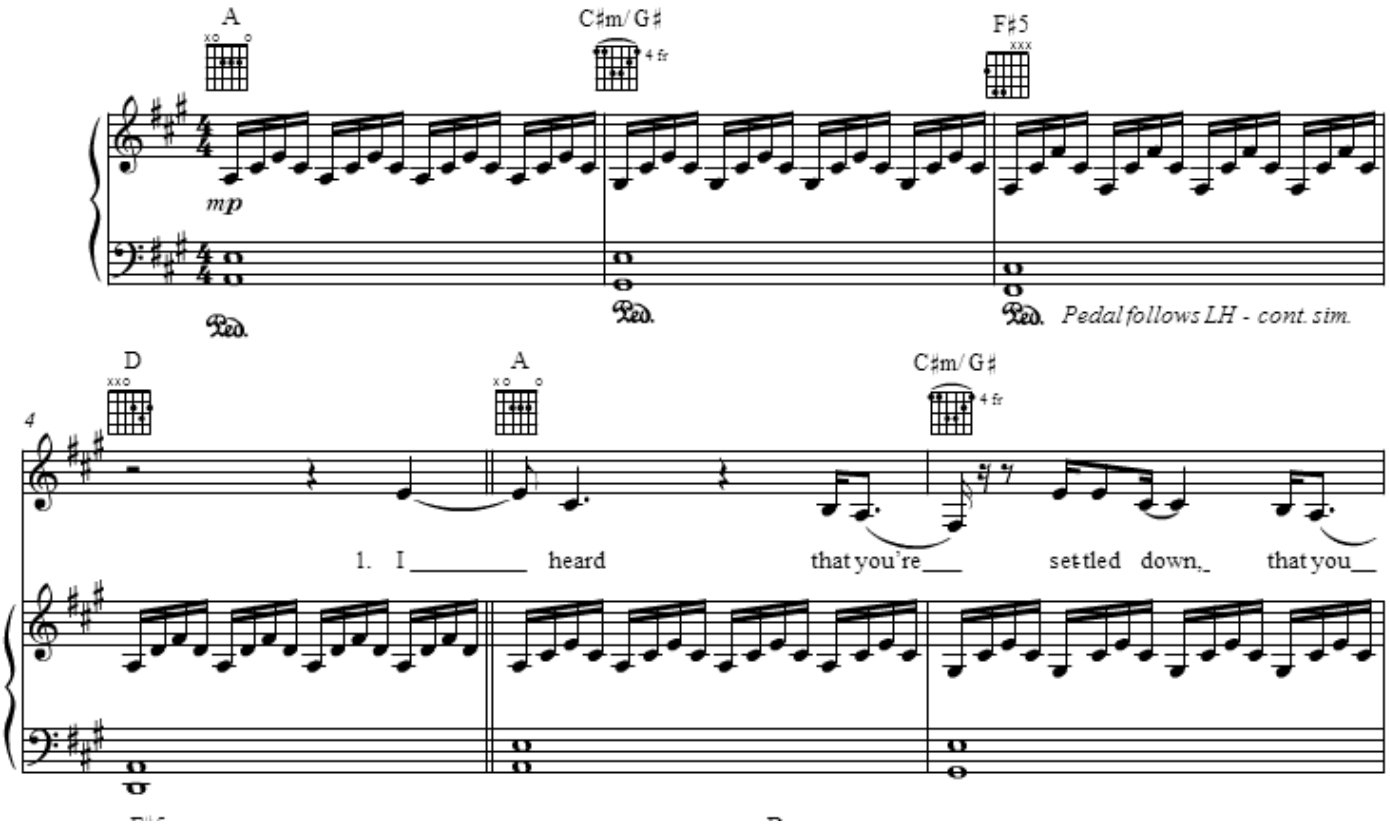


Note	Rest
	
	
	
	
	

Using "rests"

If you want to leave a break between notes in a piece of music, you show this using a "rest." The rests for each length of note are shown to the left.

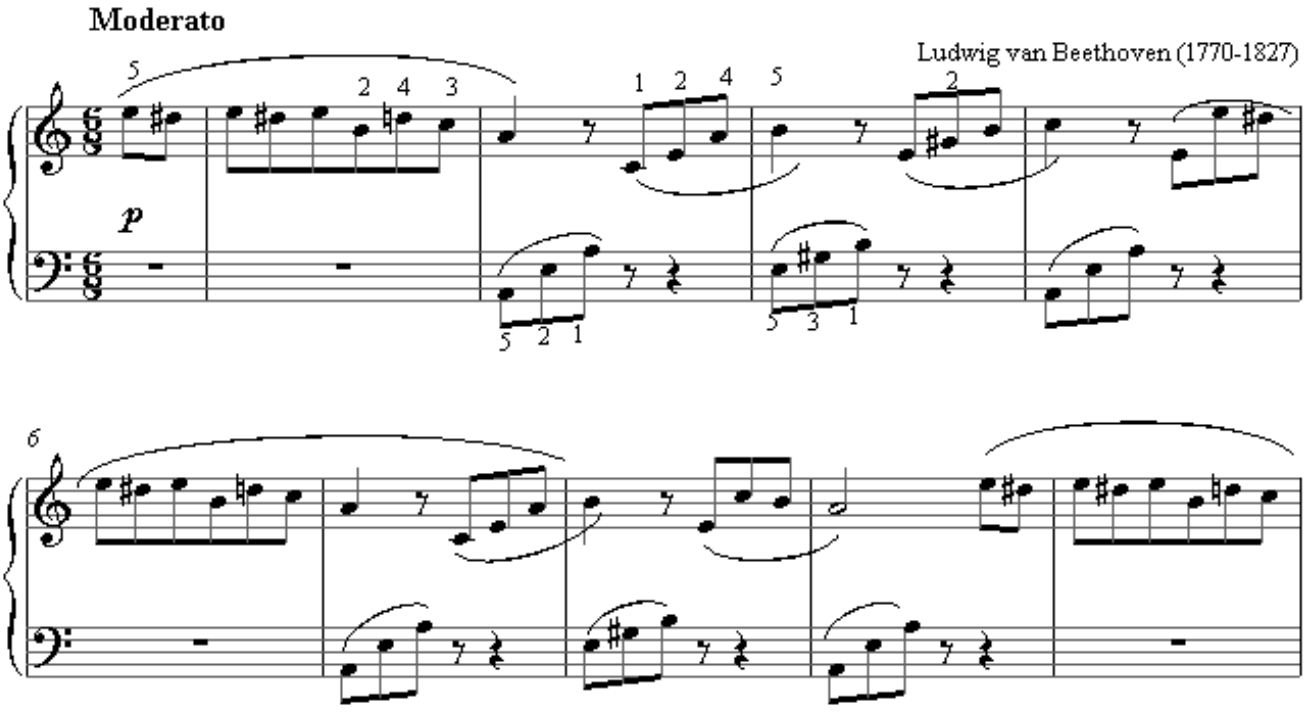
Rock/Pop - Adele – Someone like you



Fraction sum:

Total fraction of a semibreve in a bar =

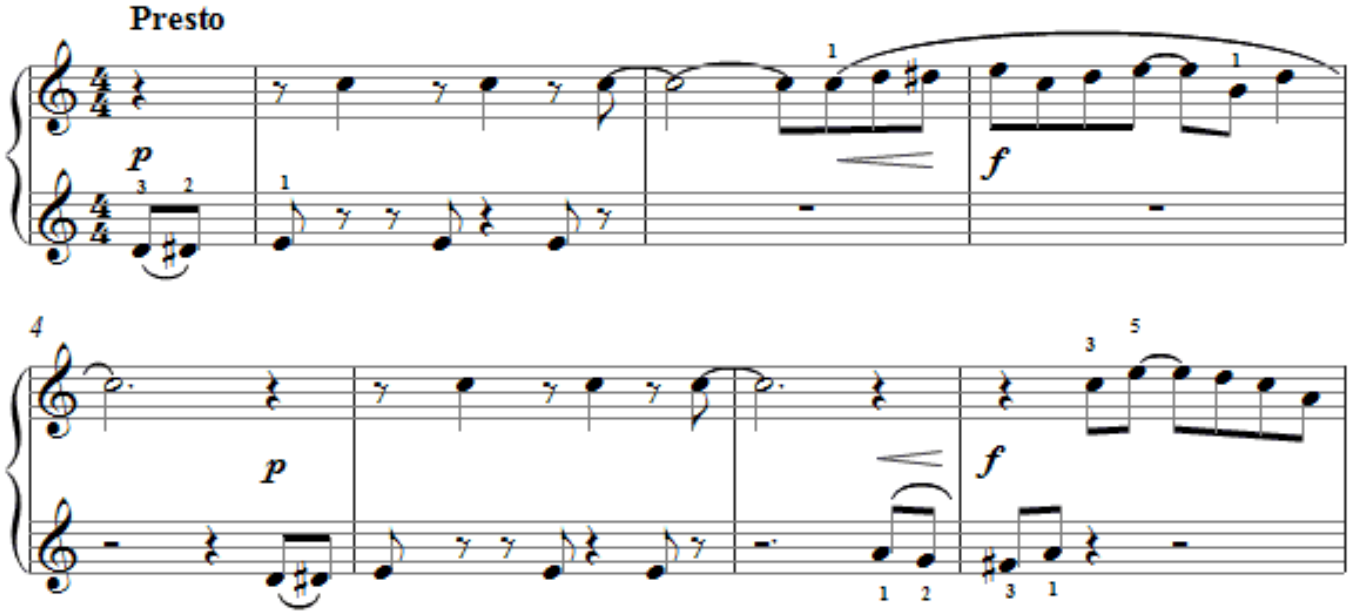
Classical - Beethoven – Fur Elise



Fraction sum:

Total fraction of a semibreve in a bar =

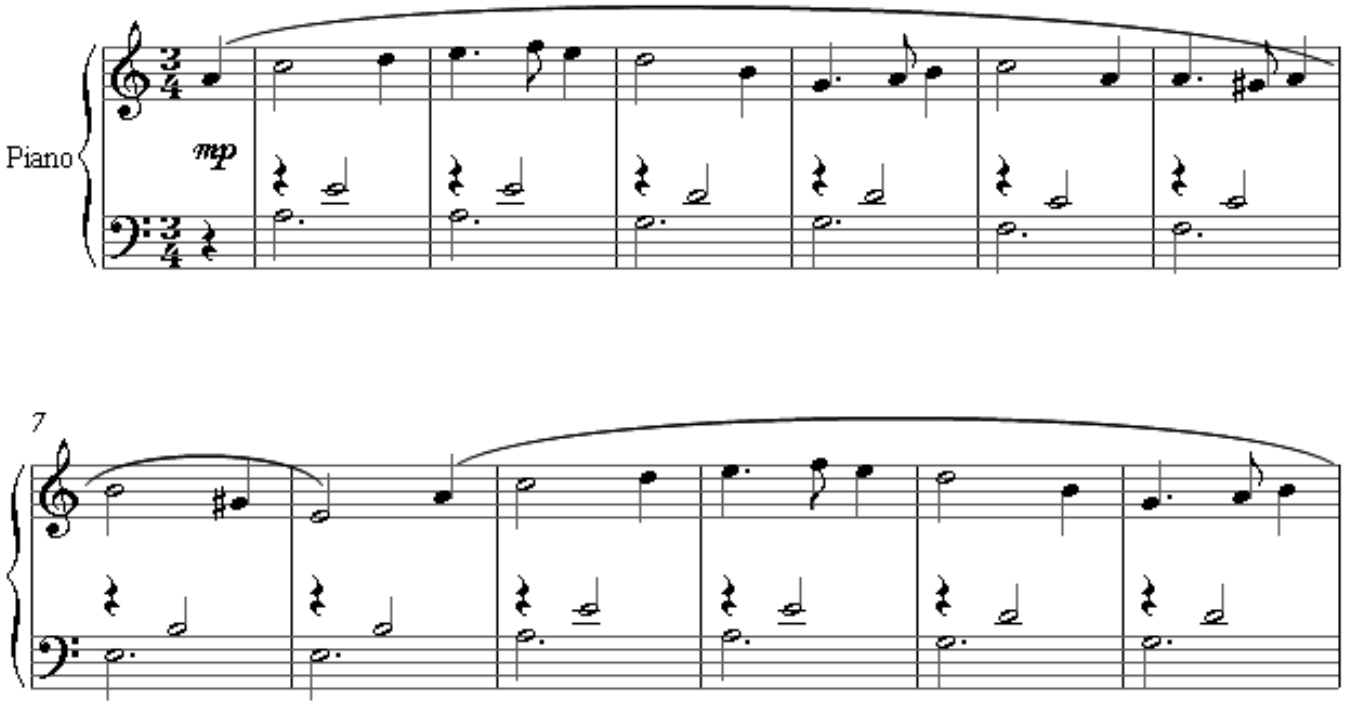
Jazz - Scott Joplin – The Entertainer



Fraction sum:

Total fraction of a semibreve in a bar =

Traditional Music - Greensleeves



Fraction sum:

Total fraction of a semibreve in a bar =

Look at the Greensleeves score. Can you work out what this note is worth? 

Look at the numbers at the start of each piece of music. What do you notice?

Task 3 – Making your own music

Now you are going to make your own music.

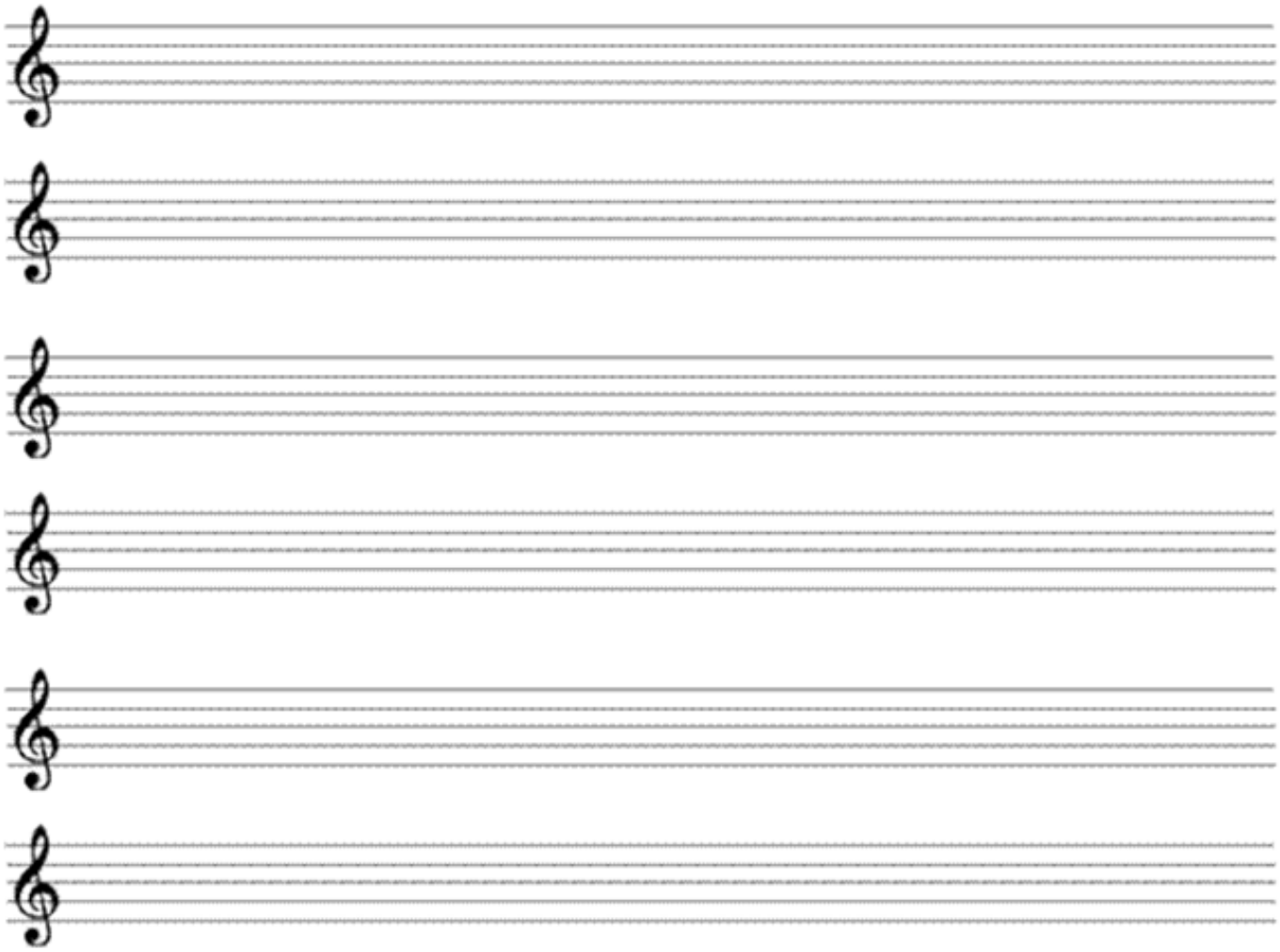
Each of my bars will last _____ (of a) semibreve(s).

Place notes on the score below. Notes can be placed on a line or in the gaps between lines.

Use the examples given previously to help you see what your notes should look like.

Show the start and end of each bar with a vertical line.

Your teacher will tell you how many bars you should complete.



Copy your music so that each member of your group has a copy.

Give your original sheets back to your teacher.

The music department will be creating and judging your music. They will record your music as audio files so that we can listen back to them in maths lessons.

Blank sheet music (2)