

Dotted notes, ties and triplets

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Dotted notes and rests

A dot adds half of the note's own value; a second dot adds half of what the first added. Beats are counted with a quarter-note beat.

SIGN	NAME	BEATS
	dotted whole note whole + half	6
	dotted half note half + quarter	3
	dotted quarter note quarter + eighth	1 1/2
	dotted eighth note eighth + sixteenth	3/4
	dotted quarter rest quarter rest + eighth rest	1 1/2
	double-dotted half note half + quarter + eighth	3 1/2
	double-dotted quarter note quarter + eighth + sixteenth	1 3/4

Ties

A curved line between two notes of the same pitch: play one note as long as both together.

SIGN	NAME	BEATS
	half tied to quarter same as a dotted half	3
	quarter tied to eighth same as a dotted quarter	1 1/2
	quarter tied to sixteenth no single note has this length	1 1/4

Triplets

Three equal notes in the time of two of the same kind. Beats are for the whole group.

SIGN	NAME	BEATS
	eighth-note triplet 3 notes in 1 beat (each 1/3 beat)	1
	quarter-note triplet 3 notes in the time of a half note	2
	sixteenth-note triplet 3 notes in half a beat	1/2
	quarter + eighth under a triplet sign the quarter is two triplet eighths tied	1

Other tuplets

TUPLET	MEANS	EXAMPLE
Triplet	3 in the time of 2	three eighths in one beat
Duplet	2 in the time of 3	two notes where compound time has three (6/8)
Quadruplet	4 in the time of 3	four notes in a compound beat
Quintuplet	5 in the time of 4	five sixteenths in one beat
Sextuplet	6 in the time of 4	six sixteenths in one beat

Beats depend on the bottom number

	2/4, 3/4, 4/4 quarter = 1 beat	2/2, 3/2 half = 1 beat	3/8, 5/8, 7/8 eighth = 1 beat	6/8, 9/8, 12/8 dotted quarter = 1 beat
Note				
half	2	1	4	1 1/3
dotted half	3	1 1/2	6	2
quarter	1	1/2	2	2/3
dotted quarter	1 1/2	3/4	3	1
eighth	1/2	1/4	1	1/3
sixteenth	1/4	1/8	1/2	1/6

A whole rest (hanging from the fourth line) fills a complete empty bar in almost every time signature, whatever the bar length. Beats are counted as fractions of the beat: 1/2 means half a beat, 1 1/3 means one and a third.

Dots, ties and triplets checked against Wikipedia, "[Dotted note](#)", "[Tie](#)" and "[Tuplet](#)" (CC BY-SA 4.0). musictheoryprint.com/charts/note-values-chart