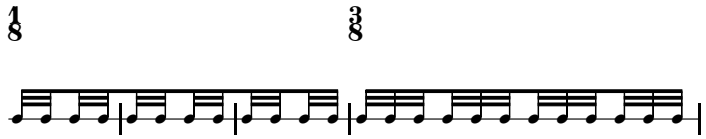BackgroundMeasureSelector
partition by ratio 3