

TEMPO CALCULATION MADE SIMPLE

REQUIRED MATERIALS:

CALCULATOR AND STOPWATCH

PROCEDURE:

- 1) PLAY THE TUNE AND "GET A FEEL" FOR THE BEAT
- 2) USE THE STOPWATCH TO TIME ANY NUMBER OF BEATS (USUALLY ABOUT 16). STARTING COUNTING WITH "ZERO", NOT "ONE". AN ALTERNATIVE WOULD BE TO START ON "ONE", BUT STOP THE STOPWATCH ON THE BEAT AFTER 16, INSTEAD OF ON THE 16TH BEAT
- 3) GET YOUR CALCULATOR AND APPLY THE FORMULA: $TEMPO = 60B/T$
"B" IS THE NUMBER OF BEATS TIMED, AND "T" IS THE ELAPSED TIME

EXAMPLE:

YOU TIME 16 BEATS AT 8.13 SECONDS (MAKE SURE THAT YOU'RE CLEAR ON STEP 2 ABOVE). USE THE FORMULA (STEP 3 ABOVE) TO GET $60 * 16 / 8.13$ EQUALLING A TEMPO OF 118.08 BEATS PER MINUTE



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