

Max's Musical Rhythm Challenge

Learning objective: To understand and perform rhythmic patterns, including crotchets, quavers, and rests, and to identify time signatures.

Read each question carefully and use your knowledge of note values to complete the tasks. Max the monkey is helping us turn beats into maths puzzles!

Word bank: Crotchet · Quaver · Minim · Rest · Time signature · Tempo · Pulse

1. Max is counting beats. If a crotchet equals 1 beat and a quaver equals half a beat, how many beats are in a bar of 4/4 time? Show your working out. (2 marks)

2. Draw a rhythmic pattern that lasts for 4 beats using a mixture of crotchets and quavers. Use a standard musical stave or simple lines. (2 marks)

3. Explain the difference between the 'pulse' of a song and the 'rhythm'. (2 marks)

4. If a piece of music has a time signature of 3/4, how many crotchet beats should be in each bar? (1 mark)

5. Zara the zebra wants to create a pattern using two quavers followed by one crotchet. How many beats does this pattern take in total? (1 mark)

Draw: Draw a set of musical notes on a stave that represents a steady rhythm you might hear in a forest. Label your crotchets and quavers.



Extension challenge: Create your own 4-bar rhythm using a variety of notes and rests. Perform your rhythm by clapping the beats while keeping a steady pulse.