

1 Complete the sentences about the pitch of the notes Sofia plays.
Use the words in the box.

lower higher slower faster low
longer shorter vibrations high

When Sofia covers fewer air holes with her fingers, it makes the column of air

in the recorder _____. This makes the air vibrate _____
and gives the sound a _____ pitch.

When Sofia covers more holes with her fingers, it makes the column of air

in the recorder become _____. This makes the air vibrate
_____ and gives the sound a _____ pitch.

The speed of the air _____ changes the pitch. The pitch can be
_____ or _____.

3 Use the words in the box to complete the sentences.

vibrations more less vibrate

- a When you tap the jar it makes the rice grains _____.
- b _____ travel through the jar and plastic wrap to the rice.
- c The rice grains move _____ when you tap the jar gently.
- d The rice grains move _____ when you tap the jar hard.