

Standing Waves



Standing waves

Some waves, such as light, move. Other waves, such as those on a guitar string, do not move.

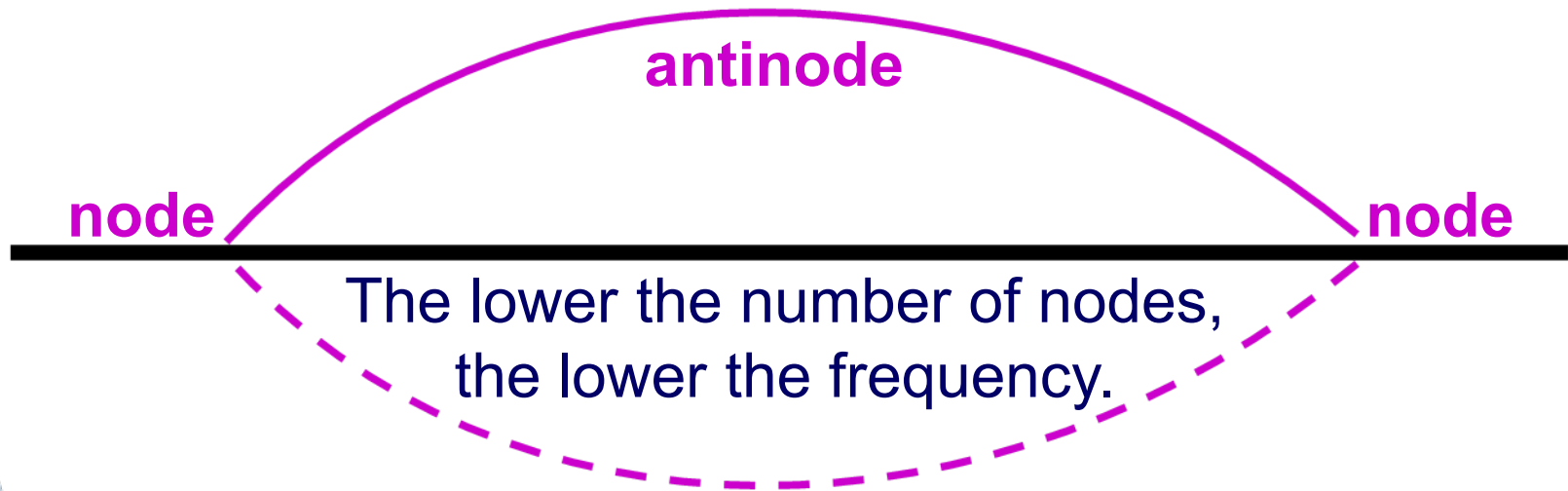
These waves are called **standing waves**.

Some parts of the standing waves actually move.

These are called **antinodes**.

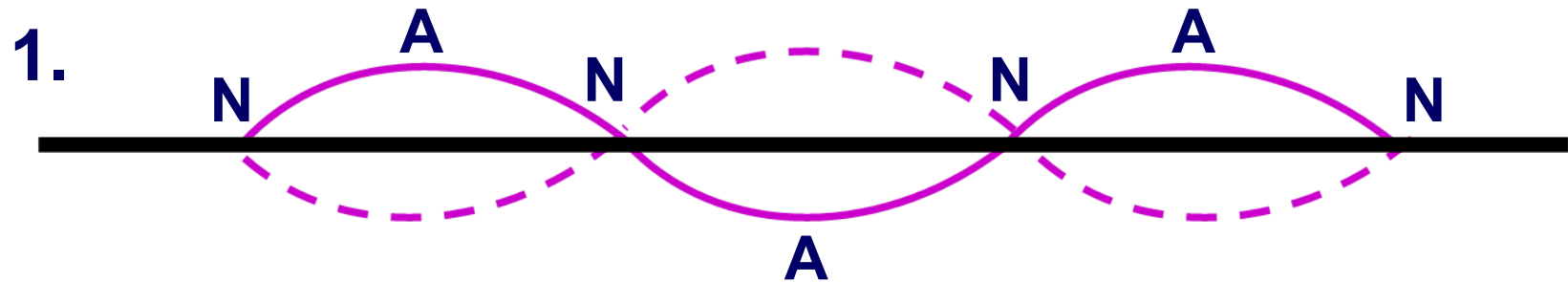
Some parts of the standing waves do not move.

These are called **nodes**.



Standing waves and frequency

Which standing wave has the highest frequency?



Wave 1 has the highest frequency, because it has the most nodes.

