

WAVE SPEED

Fill in the blanks

1. Sound waves travel fastest in _____ and slowest in _____
2. _____ move fastest in empty space

Solve the Numerical Question given below

A mosquito beating its wings produces sound waves with a frequency of 700 Hz and a wavelength of 0.5 m. How fast are the sound waves travelling? (Solve in your notebooks and write the correct answer in the space provided below)

ANS: _____

