

1. Complete the Venn diagram (Drag & drop).

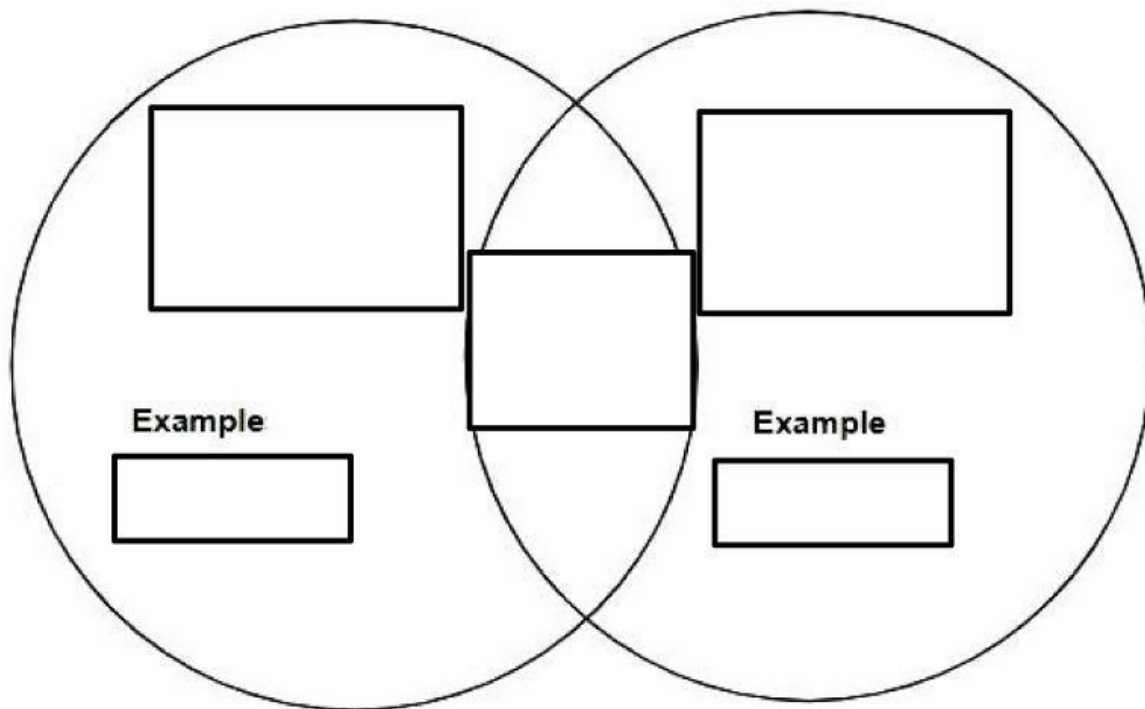
Can travel
through
medium and
vacuum

Can transmit
energy not
matter

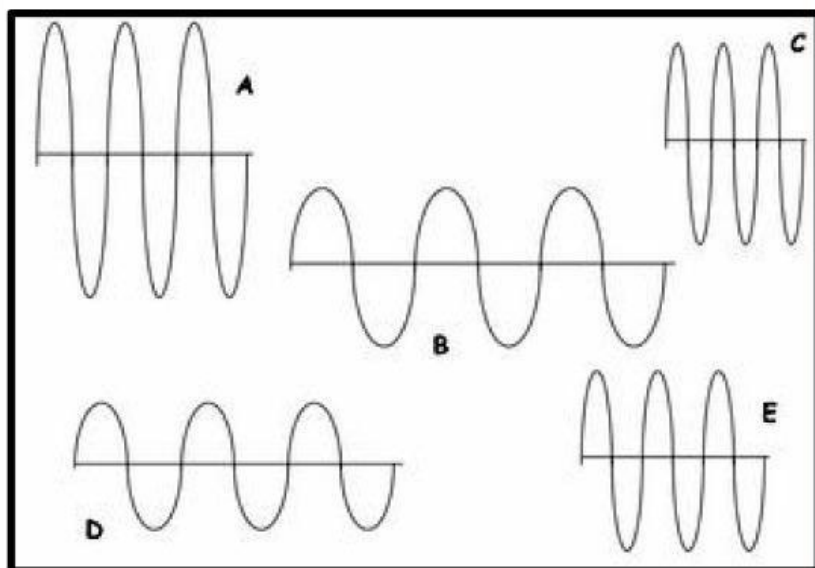
Requires a
medium to
travel

Sound waves

Light waves



2. Observe the figure and answer the questions.



Which wave has:

- I) Longest wavelength:
- II) Shortest wavelength:
- III) The loudest intensity:
- IV) smallest amplitude:
- V) Highest amplitude: