



Name:

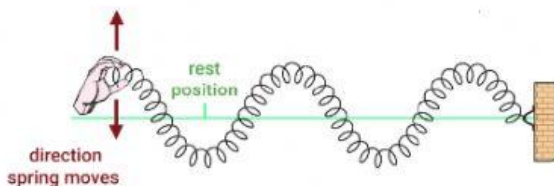
Waves

Key words	Translation	Write the key words
Wave	موجة	
Energy	طاقة	
Disturbance	اضطراب	
Pulse	نبضة	
Transvers	مستعرضة	
Longitudinal	طولية	
Crest	قمة	
Trough	قاع	
Rest position	موضع الاتزان	
Compression	انضغاط	
Rarefaction	تخلخل	

1- Complete this sentence:

A is a disturbance that transfers energy from one place to another without transferring matter.

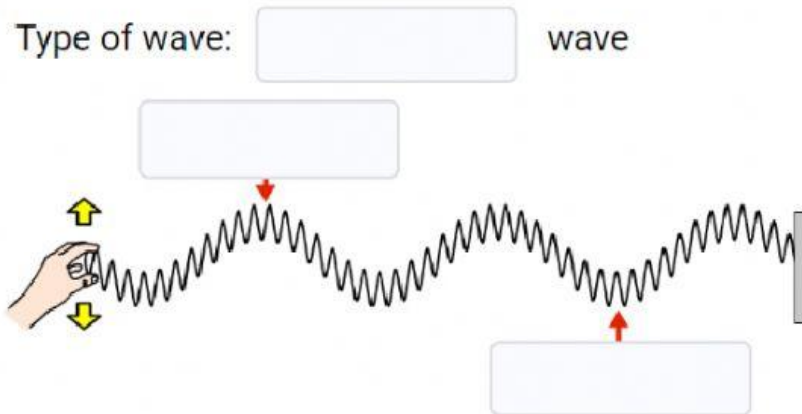
2- Distinguish between the (Transvers and Longitudinal) waves.





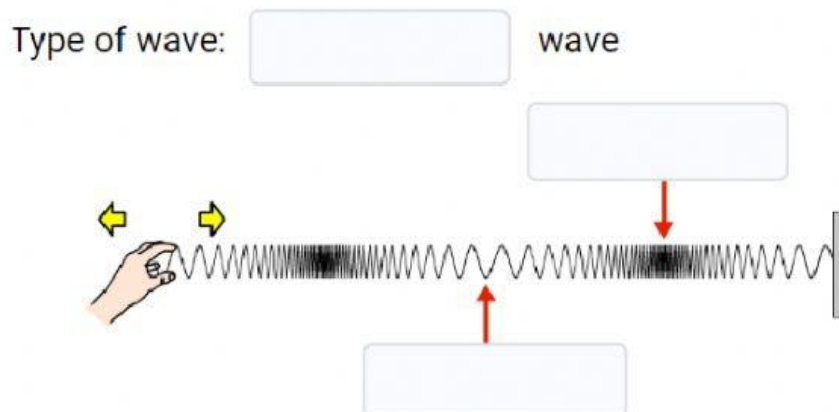
3- Put the terms to correctly label the picture below.

Crest – Trough – Transvers



4- Put the terms to correctly label the picture below.

Compression – Rarefaction – Longitudinal



5- In which direction do the sound waves transfer energy?

- A. To the right
- B. To the left
- C. Up
- D. Down
- E. In all directions