

Solutions

Each answer shows the steps, then the **result**.

2.1

- it is inverted (turned upside down)

2.2

- part of it is reflected and part is transmitted

2.3

- transverse waves

3.1 B

3.2 B

3.3

(a)

- it only lets through light vibrating in one plane (it polarizes the light)

(b)

- sound is longitudinal, so its vibration is along the direction of travel and has no single plane to restrict