

Solutions

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

2.1

- the spreading of waves around obstacles and through gaps

2.2

- when the gap is about the same size as the wavelength

2.3

- that light behaves as a wave

3.1 B

3.2 B

3.3

(a)

- they spread out into the region beyond the gap

(b)

- make the gap narrower (closer to the wavelength)