

## Solutions

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

### 2.1

- it transfers energy; it does not transfer matter

### 2.2

- transverse: a wave on a string (or light); longitudinal: sound

### 2.3

- the maximum displacement of a particle from its rest position

### 3.1 B

### 3.2 B

### 3.3

(a)

- a transverse wave

(b)

- perpendicular to the direction of travel

(c)

- the amplitude