

Solutions

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

2.1

- at the equilibrium position ($x = 0$)

2.2

- at the amplitude ($x = \pm A$)

2.3

- $x = 0$ (equilibrium)

3.1 B

3.2 B

3.3

(a)

- 8.0 cm

(b)

- at equilibrium, $x = 0$

(c)

- at the amplitude, $x = \pm 8.0$ cm