

Solutions

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

2.1

- it must be sorted

2.2

- it halves them (discards one half)

2.3

- it is much faster on large sorted lists (fewer comparisons)

3.1 A

3.2 B

3.3

(a)

- binary search

(b)

- about 4 steps

(c)

- no