

Solutions

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

2.1

- a problem with an algorithm that always gives a correct yes-or-no answer

2.2

- a problem for which no algorithm can solve every case correctly

2.3

- an inefficient problem can still be solved (just slowly); an undecidable one cannot be solved for all cases at all

3.1 A

3.2 B

3.3

(a)

- an undecidable problem

(b)

- no

(c)

- that there are limits to what computers can do