

12 A taxi uses a computer to communicate with central office and to calculate customers' fares.

(a) The program in the computer uses sequence, selection and iteration.

State whether the operations below use **sequence**, **selection** or **iteration**.

Performing a series of different set-up operations when the computer is switched on.

.....

Beeping repeatedly after a message is sent, until the driver presses a button to show that the message has been read.

.....

Deciding whether to use the DayTimeRate or the EveningRate functions to calculate a customer's fare.

..... [3]

(b) The computer measures the distance travelled as a real number and then rounds it up to the next integer.

State what is meant by

a real number

.....

.....

an integer

.....

..... [2]

