2 Two students, Jenny and Cho, are investigating motion.

Jenny walks in a straight line.

Cho measures the distance Jenny has walked at 10 s intervals.

(a) State **two** measuring instruments the students should use.
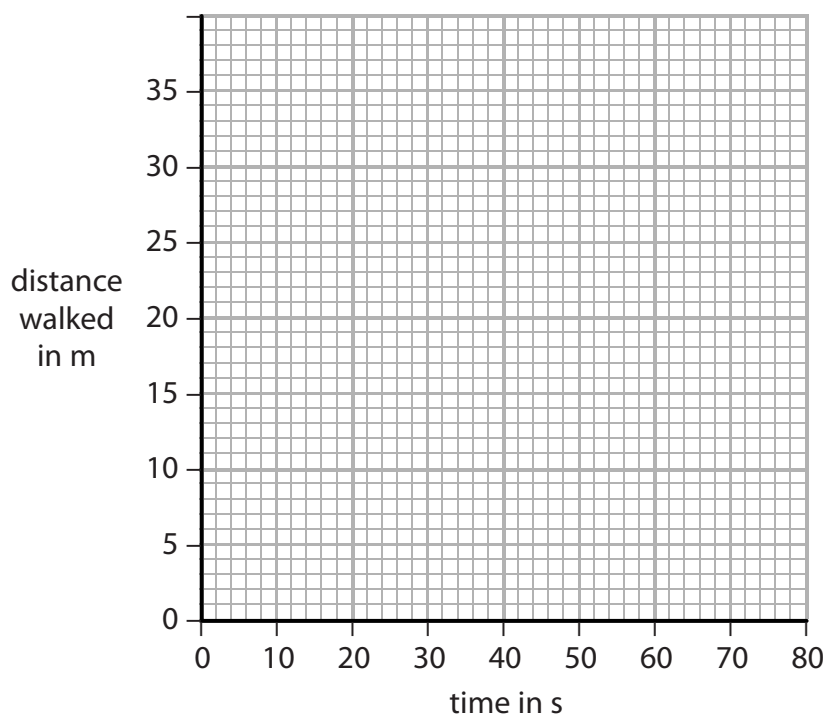
(2)

1 ....

2 ....

(b) The table shows their measurements.

Time in s	Distance walked in m
0	0
10	14
20	19
30	24
40	28
50	30
60	31

Draw a graph of distance against time for this data.

(3)

distance walked in m

time in s

(c) How far had Jenny walked after 35 s?

(1)

Distance walked = ... m

(d) (i) Describe how Jenny's speed changed during the investigation.

(1)

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....

....

(ii) What feature of the graph shows this change?

(1)

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(Total for Question 2 = 8 marks)