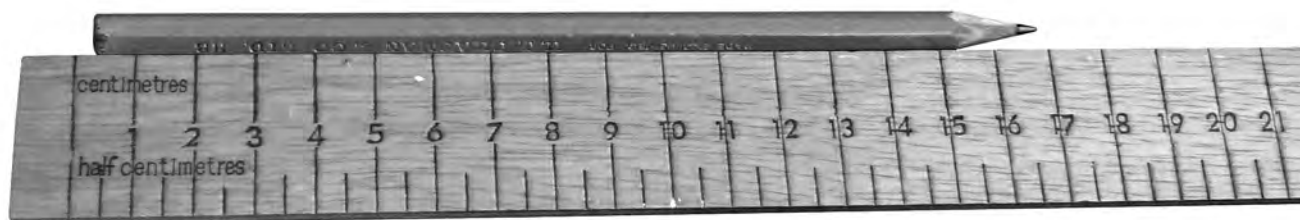


3 A student measures the length of a pencil.

The photograph shows the arrangement she uses.



The student says:



I think that the pencil is 16.9 cm long.

The student may not be correct.

- (a) Use the photograph to estimate the length of the pencil and give its unit.

(2)

Length = unit

- (b) Suggest **two** ways that the student could improve the accuracy of this measurement, using only the equipment shown in the photograph.

(2)

1

.....

.....

2

.....

.....

(Total for Question 3 = 4 marks)

