

IB Statistics and Probability Problem 018

The table below gives the exam grades of 120 students.

Note	Nombre d'élèves	Fréquence cumulée
1	9	9
2	25	34
3	35	p
4	q	109
5	11	120

A. Find the value of

i. p .

ii q .

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B. Find the mean grade.

C. Write down the standard deviation.