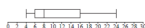


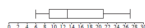
IB Statistics and Probability Problem 006

A scientist studies 100 female fish and 100 male fish. She measures their length (rounded to the nearest centimetre). The results are shown in the following box-and-whisker diagrams.

Female fish

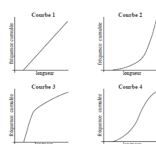


Male fish



A. Find the range of lengths of all 200 fish.

Four cumulative frequency curves are shown below.



B. Which curve best represents the lengths of the female fish?