Name _____ **Class** _____

Table 1 shows the heights of a class of students. In Table 2, the heights have been divided into groups, 150–154 cm, 155–159 cm etc.

Heights of class 8b (cm)				
160	161	169	183	152
169	180	151	159	172
174	187	167	177	177
155	164	166	168	170
		160		

Table 1

Height groups (cm)	Number of pupils in each height group
150–154	2
155–159	

Table 2

1 Use the information in Table 1 to complete Table 2.

2 Draw a bar chart to show this information. Label the axes.

3 a What shape is your chart overall?

   b What sort of distribution does your chart show?

4 a Which type of variation do the heights show; continuous or discontinuous?

   b How can you tell this?

   c Name one human feature which shows the other type of variation.

5 What do you think is responsible for how tall a person grows?

knowledge, numeracy