

Figure 4 shows some information about earthquakes.

Strength of earthquake on the Richter Scale	Example	Death toll	Description	Average number of earthquakes per year
0 - 1.9			Minor	700,000
2 - 2.9			Minor	300,000
3 - 3.9			Minor	40,000
4 - 4.9			Light	6,200
5 - 5.9	1960, Morocco	14,000	Moderate	800
6 - 6.9	1988, Armenia	25,000	Strong	120
7 - 7.9	1995, Japan	5,500	Major	18
8 - 8.9	1964, Alaska	131	Great	1 every 10-20 years

Figure 4

(a) (i) Describe the relationship between the average number of earthquakes per year and the magnitude.

.....  
.....  
.....  
.....  
.....  
.....

(2 marks)



