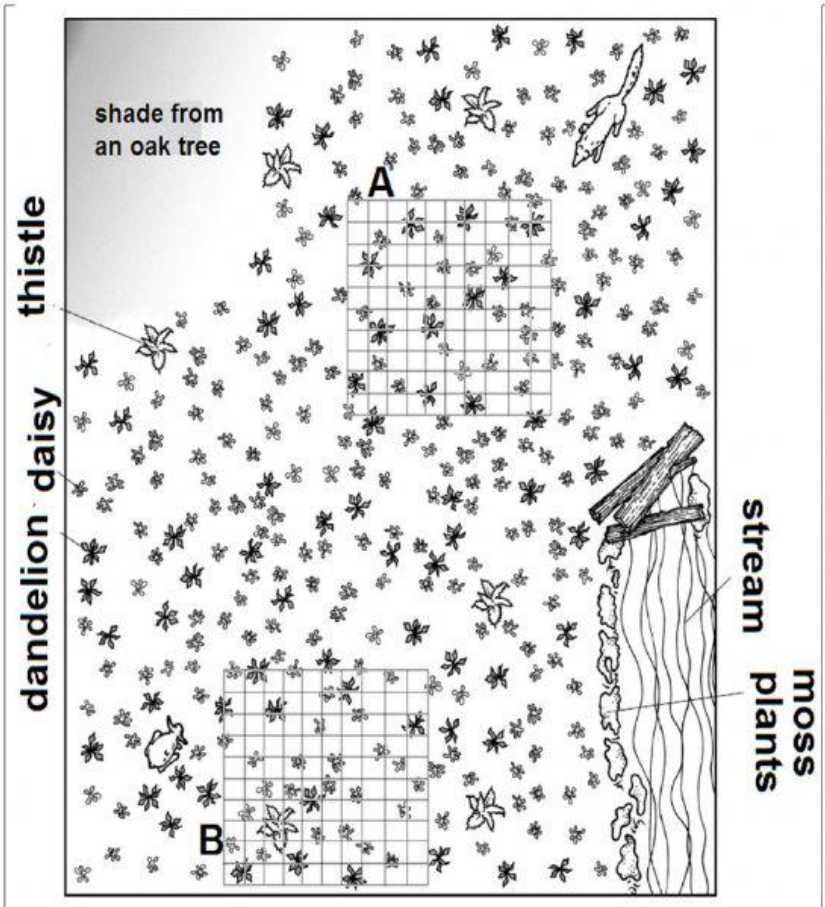

Use the diagram on the left to answer the questions below and on the back of this worksheet.

1. What is a quadrat and what is it used to do?

_____

_____

_____

2. Complete the following table showing the numbers of each plant counted in each quadrat.

Plant	Quadrat A	Quadrat B
Thistle		
Dandelion		
Daisy		

3. In which quadrat are there no thistles?_____

4. Which plant is in greatest percentage in Quadrat A?

_____

b. Estimate the percentage of this plant in Quadrat A._____%

5. 4. Which plant is in greatest percentage in Quadrat B?

_____

b. Estimate the percentage of this plant in Quadrat B._____%

LIVEWORKSHEETS

Calculate the information required on the following table. If the answer comes to a decimal, round to the nearest **WHOLE NUMBER.** Shaded boxes require no information.

Species	Number of individuals or Percentage Cover													
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Total of 10 Quadrats	Species Density	Species cover	Species Frequency
Pix	3	5	8	9	6	10	0	0	0	0				
Stix	18	24	0	0	0	16	0	0	0	2				
Trix	50%	100%	18%	50%	35%	20%	0	0	0	0				
Lix	0	0	0	80%	0	0	0	0	0	0				
Nix	16	16	3	50	1	nd	nd	nd	nd	nd				
Bix	10%	25%	5%	30%	nd	nd	nd	nd	nd	nd				
Fix	700	500	32	100	0	0	0	230	0	40				
Hix	52	81	6	nd	nd	nd	nd	nd	nd	nd				

LIVEWORKSHEETS