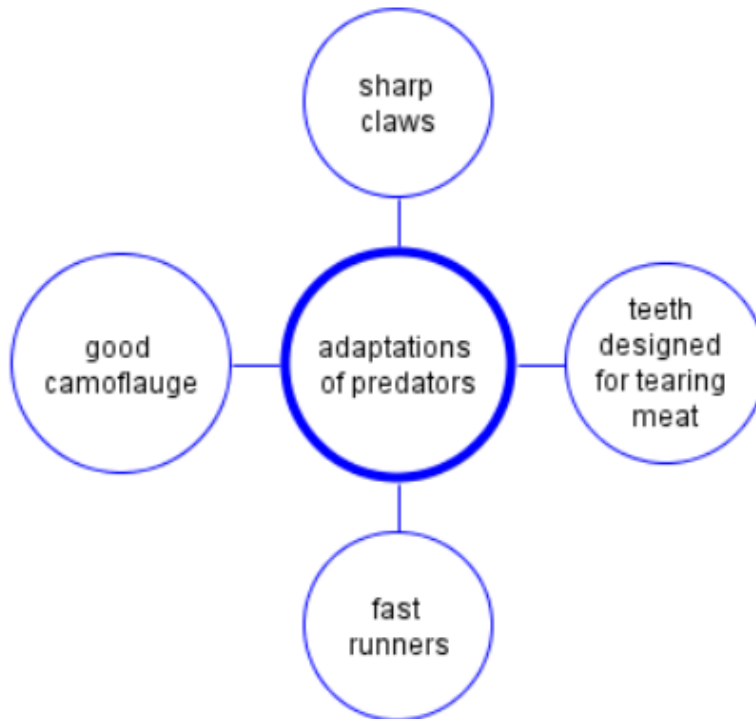


1-3 ECOLOGY --Types of Interactions

NAME _____ HR _____

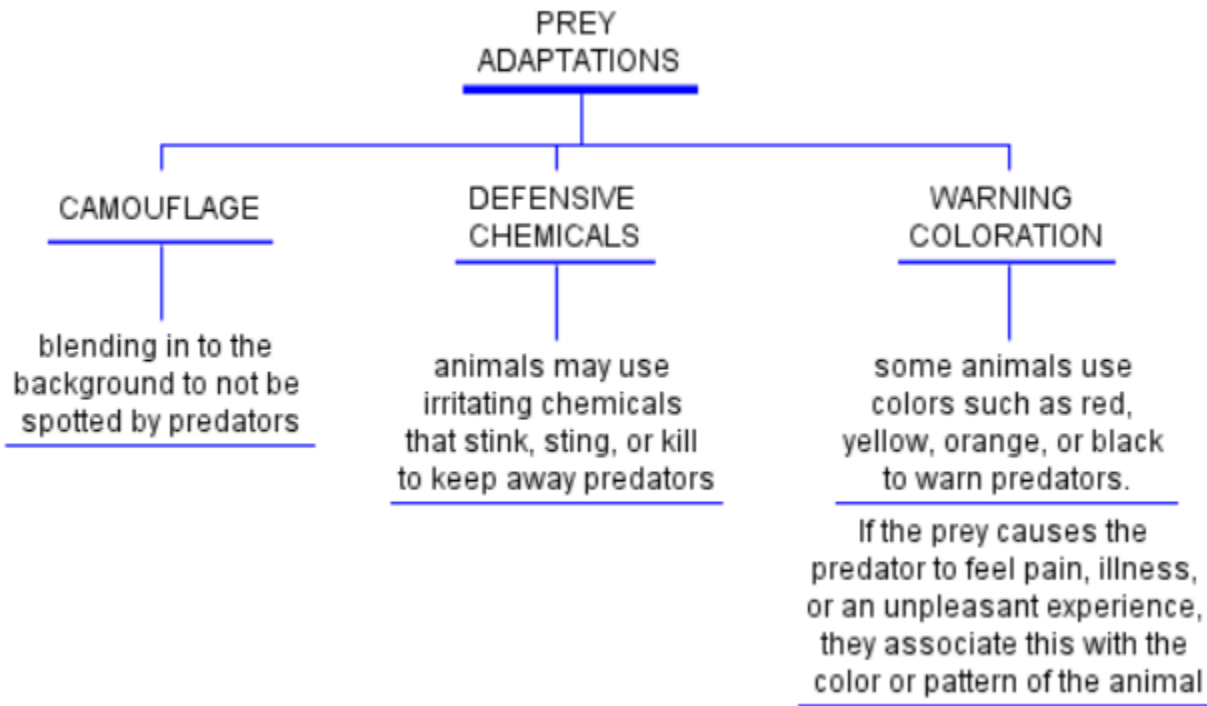
Look at this thinking map, then make two of your own below. HINT: draw a circle around your words AFTER you have written them. Don't draw circles first; they are usually too small.



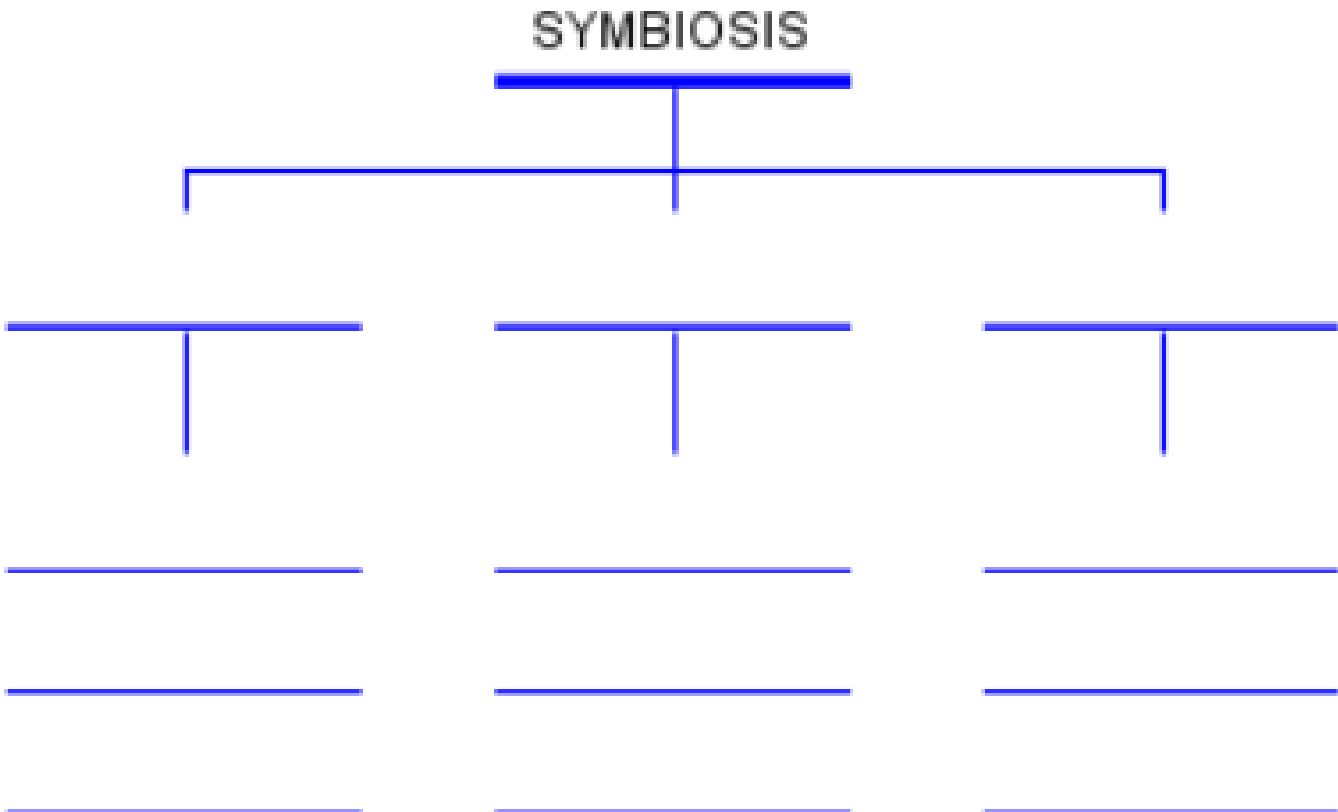
Have a group member read page 14 aloud. Then complete the 2 circle maps below.

<p>limiting factors of an oak tree</p>	<p>limiting factors of a wild cat</p>
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What you see below is a tree map. It is a way to organize information. Study it, then create your own tree map below.



Read pages 18+19 and complete the tree map below:



1. What might a lion and a gazelle be competing for?
2. What might a lion and a hyena be competing for?
3. What might 2 male mallard ducks be competing for?
4. What might 2 watermelon plants be competing for?

5. Give 3 examples of coevolution (p 19-20)

1

2

3

6. The carrying capacity of Earth for humans has been estimated often over the years. The average estimate is 10-15 billion humans. We currently have 7 billion humans on the planet. We need:
- Land for crops
 - Minerals from the earth
 - Land for growing trees for our housing
 - Fossil fuels (coal, oil, natural gas)
 - Oceans that have enough fish (currently we supply baby fish to our oceans through our fisheries. If we didn't, the fish population would already be gone)

7. What will happen when we reach the carrying capacity for humans? (minimum of 4 sentences)
