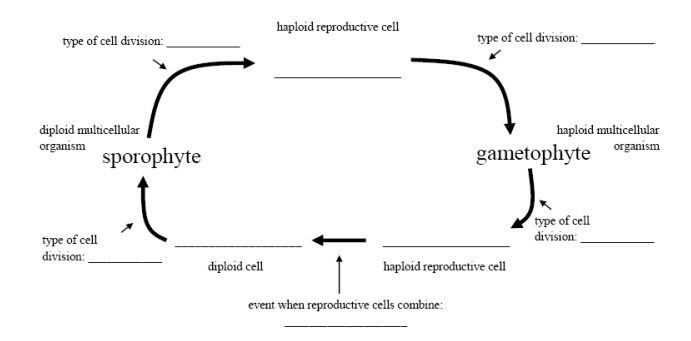
**Alternation of Generations WS**

*Read pages 440 – 441 to label the diagram and answer the questions.*

1. Define the following:

a) Alternation of generations:

b) Gametophyte:

c) Sporophyte:

1. What is the advantage of Alternating Generations?
2. Is the alternation of generations unique to plants? Explain.
3. Which generation is a pine tree? (sporophyte or gametophyte?)
4. Which generation is a pinecone? (sporophyte or gametophyte?)
5. Which generation is a deciduous (leafy) plant? (sporophyte or gametophyte?)
6. Which generation is a flower? (sporophyte or gametophyte?)
7. Why are non-vascular plants small?
8. Why is reproduction on land challenging for non-vascular plants?