

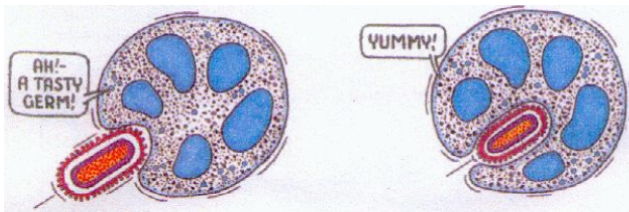
Name \_\_\_\_\_

Date \_\_\_\_\_

### YOUR IMMUNE SYSTEM!!!

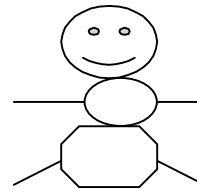
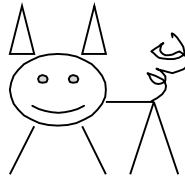
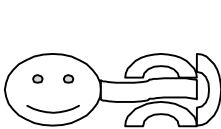
1) Identify the location and function of your major immune system organs:

2) What process is this? What is the end result



3) In a short paragraph describe how vaccinations work (use your new words!).

4) Which 2 animals may have closer evolutionary ties? \_\_\_\_\_  
What may scientists do to confirm your choice? \_\_\_\_\_



\*infected with bacteria  
\*macrophages ingest  
\* T cell activate B cells  
\*Bacteria destroyed

\*infected with bacteria  
\*macrophages ingest  
\* T cell activate B cells  
\*Bacteria destroyed

\*infected with bacteria  
\*macrophages ingest  
\* T cell activate G cells  
\*Bacteria destroyed

- 5) Write a story, flowchart, animation, etc that illustrates how your body's immune system will protect it against an invading microbe.
- Identify and describe your microbe
  - Identify the path it will enter your body
  - Identify and describe your bodies defensive immune system (remember antibody-antigen reaction)