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| **Science 8**  **Microscope Practice Quiz** | **Name:**  **Date:**  **Block:** |

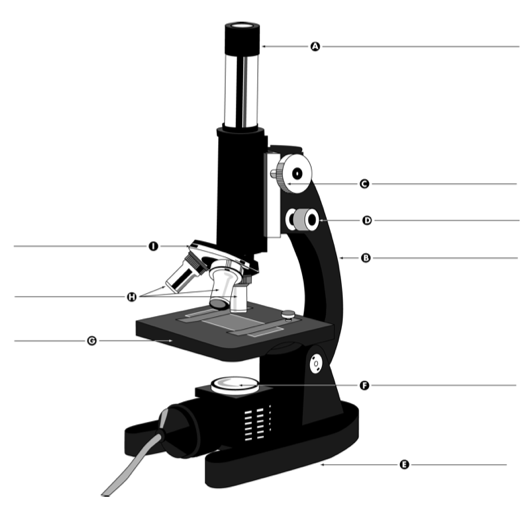
**Try answering the following questions without using your notes!**

1. List the seven characteristics of living things and give an example of each.






9. Label the compound microscope. Use the word bank to help you.



***Choices***

arm objective lenses light source

revolving nose piece fine focus knob base

stage eyepiece coarse focus knob

1. What is the magnification of the eyepiece? \_\_\_\_\_\_\_\_\_
2. What is the magnification of the…
   1. low power objective lens? \_\_\_\_\_\_\_\_\_
   2. medium power objective lens? \_\_\_\_\_\_\_\_\_
   3. high power objective lens? \_\_\_\_\_\_\_\_\_
3. If you magnify an object using the low power objective lens, what is the total magnification?
4. Which objective lens would you use to magnify an object…
   1. 400x? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. 100x? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. What is the field of view?
6. Explain what happens to the field of view if you change from the high power objective lens to the low power objective lens.