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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.
2.
3.
4.
5.
6.
7.
8.
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.