**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**These are the questions that were used for the QR Review.**

1. Who is responsible for lab safety? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. If someone is a recorder for the group, he does not need to wear goggles. True/False?
3. If you drop a beaker on the floor and it breaks, what should you do?

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1. It is okay to perform unauthorized experiments. True/False?
2. If you wear glasses, you do not need to wear goggles. True/False?
3. What should you do if you do not understand the directions for a lab?

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1. What is the base unit for length in the metric system? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the base unit for volume in the metric system? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What is the base unit for mass in the metric system? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What tool is used to measure mass? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Which metric unit would be the best to use to determine the mass of an elephant? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Which metric unit would be the best to use to determine the length of a car? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Which metric unit would be the best to use to determine the volume of a sink of water? \_\_\_\_\_\_\_\_\_\_\_\_
8. Convert the following 🡪 12. cm = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm
9. Convert the following 🡪 1336 mL = \_\_\_\_\_\_\_\_\_\_\_\_\_ L
10. Convert the following 🡪 6785 L = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ kL
11. Convert the following 🡪 .85 km = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ m
12. Convert the following 🡪 16000 mm = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ m
13. Convert the following 🡪 987 mg = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ g
14. Convert the following 🡪 .7385 kL = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mL
15. The part of the microscope that moves the stage slightly to sharpen the image.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The part of the microscope that increases magnification (from 4x to 10x to 40x)

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1. The part of the microscope that holds the objective lenses and the ocular lens at the proper distance.

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1. The part of the microscope that supports the slide and moves up and down.

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1. The part of the microscope that holds the slide in place on the stage.

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1. The part of the microscope that holds the objective lenses and can be turned to increase the magnification.

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1. What is the total magnification if the objective lens is turned to 4x? (Hint: ocular lens x objective lens = total magnification)

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