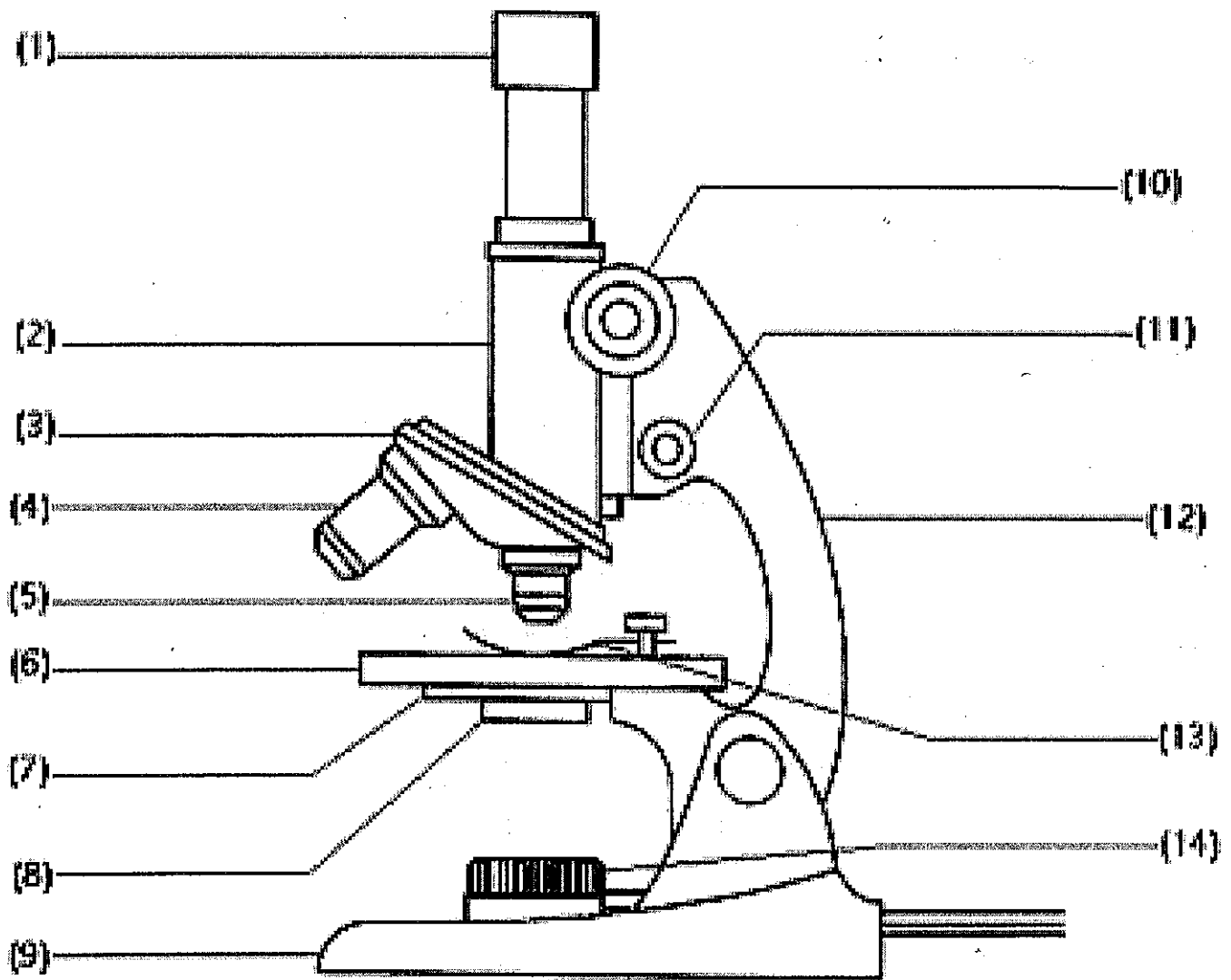


Introduction to Microscopes

Name _____ Date _____ Hour _____



Notes

exercises

1. Fill out the grid below.

Eyepiece	Objective Lens	Power of Magnification
10	4	40
10		600
	20	200
10	10	

2. Fill in the blanks with the correct answer.

- What is the magnification power of the eyepiece on your microscope? _____
 - What is the magnification power of the low objective lens? _____
 - What is the magnification power of the medium objective lens? _____
 - What is the magnification power of the high objective lens? _____
 - How do you determine the power of magnification? _____
-
- What is the power of magnification when using the low power lens? _____
 - What is the power of magnification when using the medium power lens? _____
 - What is the power of magnification when using the high power lens? _____
 - If a microscope had a power of magnification of 200x, what would the power of the objective lens be if the eyepiece lens is 10x? _____
 - List three possible combinations of eyepiece and objective lens powers if the power of magnification for a microscope was 500x.
 - _____ x _____ = 500
 - _____ x _____ = 500
 - _____ x _____ = 500