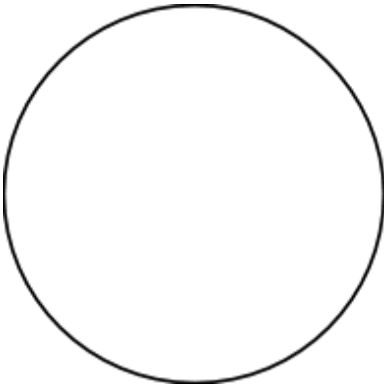
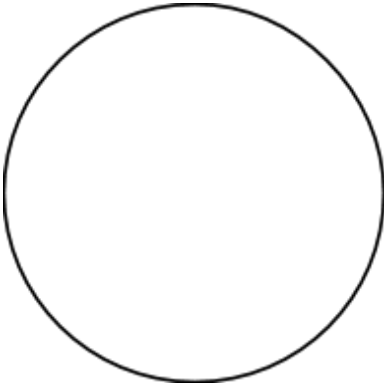
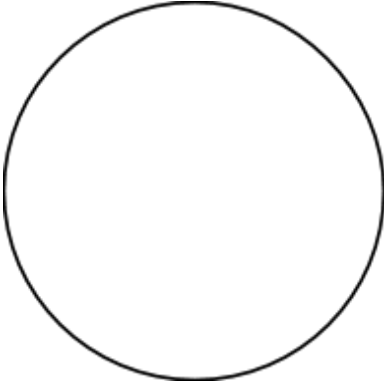


Name: _____

Date: _____

Data from Investigating Structures in Red Onion Cells

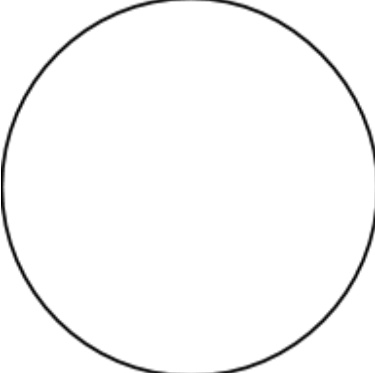
Follow the *Procedure to Investigate Structures in Red Onion Cells* to prepare your onion skin. Collect your data on this page and answer the questions on the following page.

Sample	Draw what you observe	Describe in words what you observe
Red onion skin at _____ total magnification		
Red onion skin + water at _____ total magnification		
Red onion skin + salt water at _____ total magnification		

1. What did you notice about the structures in the cells when you added water? When you added salt water?

2. Based on your observations so far, make a prediction: What do you think will happen if you add water to the slide again?

Follow the *Procedure to Investigate Structures in Red Onion Cells* for steps 15 and 16. Collect your data and answer the questions on this page.

Sample	Draw what you observe	Describe in words what you observe
<p>Red onion skin + water again</p> <p>at _____ total magnification</p>		

3. What did you notice about the structures in the cells when you added water again?

4. What do you think is happening to cause the changes you've observed in these cells?

5. What do you notice about the cells of this plant compared to the cells of animals we've already seen? How are their structures the same and how are they different?
