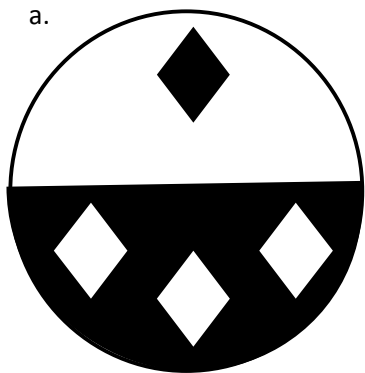


Name _____

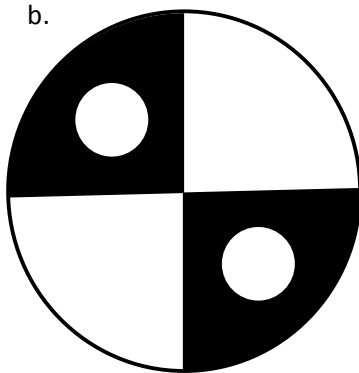
Date _____

1. Estimate to finish shading the circles below so that each circle is about one-half shaded.

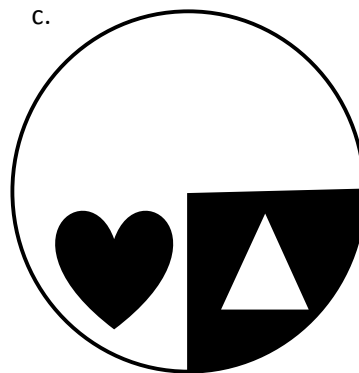
a.



b.



c.



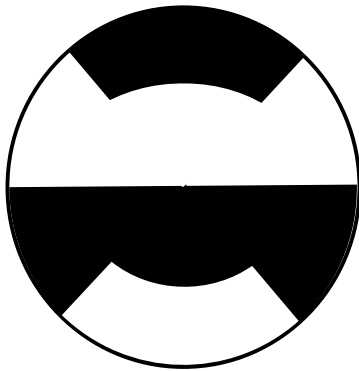
2. Choose one of the circles in Problem 1, and explain how you know it's about one-half shaded.

Circle _____

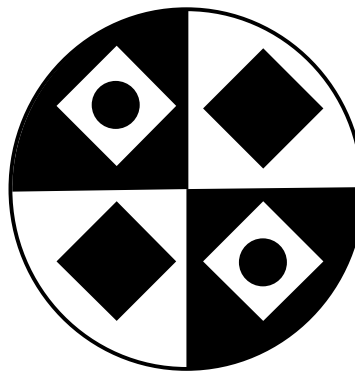
3. Can you say the circles in Problem 1 are exactly one-half shaded? Why or why not?

4. Marissa and Jake shade in circles as shown below.

Marissa's Circle



Jake's Circle



- a. Whose circle is about one-half shaded? How do you know?
- b. Explain how the circle that is not one-half shaded can be changed so that it is one-half shaded.

5. Estimate to shade about one-half of each circle below in an unusual way.

