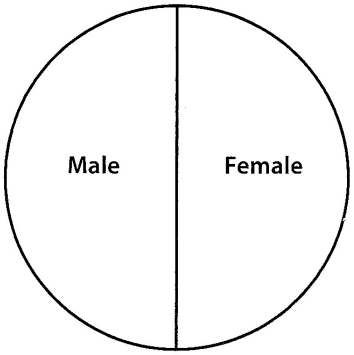
Name _____ period _____

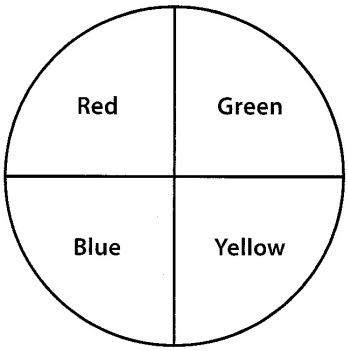
Science Skills 7

Read a Pie Chart

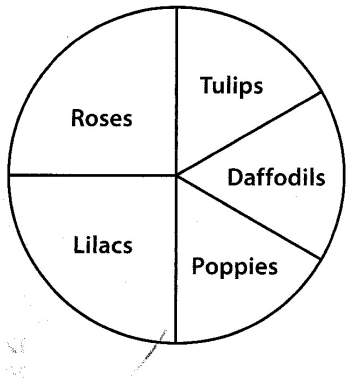
Pie charts are also known as circle graphs. Based on the information provided in the pie charts, answer the questions below.



Graph 1



Graph 2



Graph 3

1. A circle graph represents 100% of the collected information. In Graph 1, what percent is male and what percent is female? _____

2. In Graph 2, what percent is the color yellow? Do the other colors have the same percentage?

   _____

3. How many types of flowers are recorded in Graph 3? _____

4. If the roses are 25% and the lilacs are 25%, what percent is the other three flowers combined in Graph 3? _____

5. In Graph 3, the flowers include equal amounts of tulips, daffodils, and poppies.

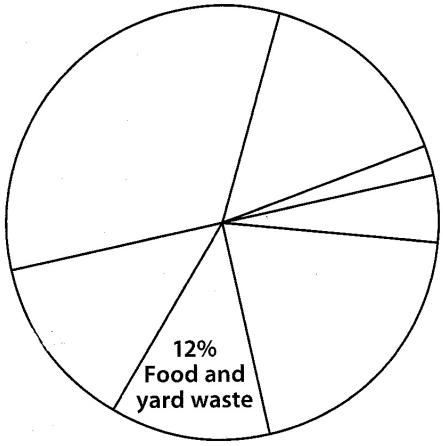
   What percent is each?_____

6. Compare the three graphs. Which graph shows the largest percent for a single category?

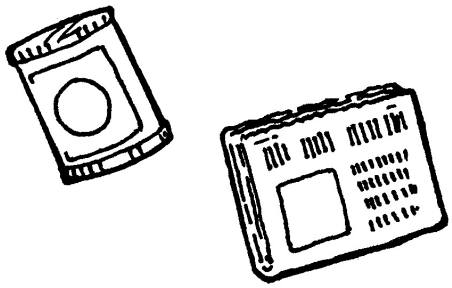
   _____

A Circle Graph

Below are calculations that tell what is in a typical landfill in Iowa. Use this information along with the questions to complete the graph.



Paper..... 33%
Plastic..... 15%
Metals..... 5%
Glass..... 2%
Food and yard waste..... 12%
Wood and construction waste.... 13%
Other waste..... 20%



Note: *If there is not enough room to enter the name of the item along with the percent, write them outside the circle near the section and draw a line to where it belongs.*

7. Enter the items in the graph. Put both the name and the percent.

8. Which item creates the largest amount of waste? _____

9. Which item creates the smallest amount of waste? _____

10. Why is there a category called "Other waste"? _____

11. What might be included in the "Other waste" category? _____