Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_

Lesson 2.1.2 Homework Problems 2-26 to 2-30

**2-26.**Which of the following fractions are repeating decimals and which are terminating?  Show how you made your decisions.

a)  b)  c)  d) 

**2-27.**Fill in the missing parts of the portion webs below.

a) b)

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**2-28**. Lila is making a spinner game for her cousins to play.  She has divided it into 8 equal sections and has labeled each section with a symbol.  When the spinner lands on a flower  (), her cousins will win a prize. Create a spinner to explore your ideas!

a) What is P()?  Express your answer as a fraction, as a decimal, and as a percent.

b) What is the probability of not getting ?  Write your answer as a fraction, as a decimal, and as a percent.

c) What is P()? Write your answer as a fraction, as a decimal, and as a percent.

d) If Lila's cousins spin 100 times, about how many times would you expect them to spin a heart ()?

**2-29.** Complete the scale by labeling the remaining tick marks.



**2-30.** Approximately 3 out of every 25 Americans live in California.  About 3 out of every 50 Americans live in New York, and about 2 out of every 25 Americans live in Texas.

a) Which state has the largest population?

b) Which state has the smallest population?

c) About what percentage of Americans do *not* live in California, New York, or Texas?