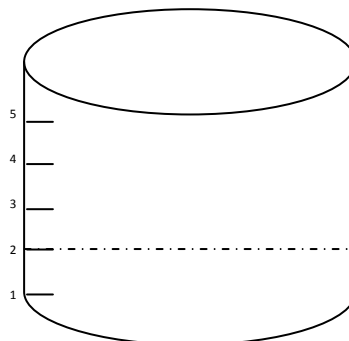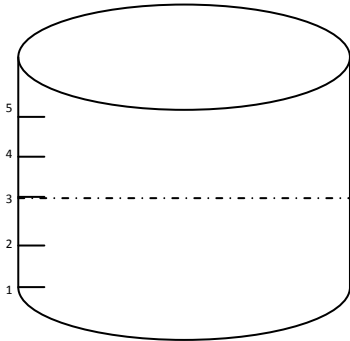Name _____   Date _____
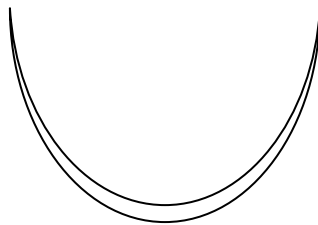
Line Plots That Display Data Guided Lesson

Complete the following problems:

1) John brought two aquariums. But when he took them home, he found that one of them contains more water than the other. Now find the amount of liquid each aquarium would contain if the total amount of both the aquariums were distributed equally.

If he put both volumes of water into one of the beakers, what fraction of the aquarium would be full? How much volume would the water take up?

2) Kate wants to give a handmade pearl necklace to her friend on her birthday. So she bought 50 pearls to make a necklace with.

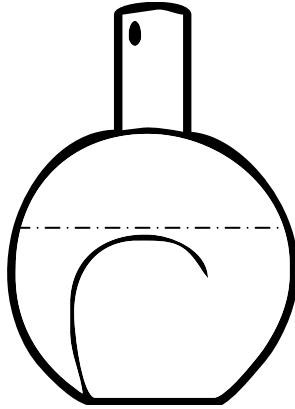a) How many pearls would she use if it took 1/5 of all the pearls she had to a necklace?

b) If she prepares two huge necklaces by using ½ of pearls on each necklace, how many pearls would she use for each necklace?
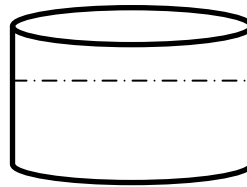
3) My aunt is very fond of Lime-a-Punch. Lime-a-Punch consists of lime juice and sugar syrup. For every serving of Lime-a-Punch you need to use 60 ml of lime juice. You always match the amount of lime juice with 1/3 the amount sugar syrup.

Lime juice   Sugar syrup

a) What is the amount of sugar syrup used in 8 servings of Lime-a-Punch?

b) What is the total volume of 12 servings of Lime-a-Punch?